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Appendix B

E-UTRA Band 4



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8.2.



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

					Conducted	EIRP	Limit	
Band	Bandwidth	Modulation	Channel	RB Configuration				Verdict
D 14	4 45 41 1	0.0014	40057	455,00	Power(dBm)	(dBm)	(dBm)	D4 00
Band4	1.4MHz	QPSK	19957	1RB#0	22.72	23.22	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.82	23.32	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.71	23.21	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.86	23.36	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.80	23.30	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.80	23.30	30.00	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.82	22.32	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.64	23.14	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.58	23.08	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.75	23.25	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.71	23.21	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.76	23.26	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.73	23.23	30.00	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.71	22.21	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.73	23.23	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.56	23.06	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.56	23.06	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.68	23.18	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.68	23.18	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.75	23.25	30.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.66	22.16	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.03	22.53	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.87	22.37	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.86	22.36	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.82	22.32	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.92	22.42	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.87	22.37	30.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.88	21.38	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.79	22.29	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.78	22.28	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.96	22.46	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.81	22.31	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.90	22.40	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.83	22.33	30.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.79	21.29	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.91	22.41	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.87	22.37	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.86	22.36	30.00	PASS



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Band4 1.4MHz 16QAM 20393 3RB#3 21.81 22.31 30.00 PASS Band4 1.4MHz 16QAM 20393 3RB#1 21.76 22.26 30.00 PASS Band4 1.4MHz 16QAM 20393 6RB#0 21.76 22.26 30.00 PASS Band4 3MHz 16QAM 20393 6RB#0 20.76 21.26 30.00 PASS Band4 3MHz QPSK 19965 1RB#0 21.74 22.24 30.00 PASS Band4 3MHz QPSK 19965 1RB#0 21.77 22.27 30.00 PASS Band4 3MHz QPSK 19965 8RB#7 21.77 22.27 30.00 PASS Band4 3MHz QPSK 19965 8RB#0 21.78 22.22 30.00 PASS Band4 3MHz QPSK 2075 1RB#14 22.67 23.17 30.00 PASS Band4<	D 14	4 45411	400 414	00000	000,00	04.04	00.04	00.00	D4.00
Band4							-		
Band4									
Band4									
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Band4 3MHz 16QAM 20175 1RB#0 21.88 22.38 30.00 PASS Band4 3MHz 16QAM 20175 8RB#4 20.76 21.26 30.00 PASS Band4 3MHz 16QAM 20175 8RB#0 20.75 21.25 30.00 PASS Band4 3MHz 16QAM 20175 8RB#7 20.74 21.24 30.00 PASS Band4 3MHz 16QAM 20175 15RB#0 20.64 21.14 30.00 PASS Band4 3MHz 16QAM 20385 1RB#14 21.89 22.39 30.00 PASS Band4 3MHz 16QAM 20385 1RB#0 21.91 22.41 30.00 PASS Band4 3MHz 16QAM 20385 1RB#8 21.93 22.43 30.00 PASS Band4 3MHz 16QAM 20385 8RB#0 20.72 21.22 30.00 PASS Band4	Band4						22.50	30.00	
Band4 3MHz 16QAM 20175 8RB#4 20.76 21.26 30.00 PASS Band4 3MHz 16QAM 20175 8RB#0 20.75 21.25 30.00 PASS Band4 3MHz 16QAM 20175 8RB#7 20.74 21.24 30.00 PASS Band4 3MHz 16QAM 20175 15RB#0 20.64 21.14 30.00 PASS Band4 3MHz 16QAM 20385 1RB#14 21.89 22.39 30.00 PASS Band4 3MHz 16QAM 20385 1RB#0 21.91 22.41 30.00 PASS Band4 3MHz 16QAM 20385 1RB#8 21.93 22.43 30.00 PASS Band4 3MHz 16QAM 20385 8RB#0 20.72 21.22 30.00 PASS Band4 3MHz 16QAM 20385 8RB#7 20.70 21.20 30.00 PASS Band4	Band4	3MHz	16QAM	20175	1RB#14		22.49	30.00	
Band4 3MHz 16QAM 20175 8RB#0 20.75 21.25 30.00 PASS Band4 3MHz 16QAM 20175 8RB#7 20.74 21.24 30.00 PASS Band4 3MHz 16QAM 20175 15RB#0 20.64 21.14 30.00 PASS Band4 3MHz 16QAM 20385 1RB#14 21.89 22.39 30.00 PASS Band4 3MHz 16QAM 20385 1RB#0 21.91 22.41 30.00 PASS Band4 3MHz 16QAM 20385 1RB#8 21.93 22.43 30.00 PASS Band4 3MHz 16QAM 20385 8RB#0 20.72 21.22 30.00 PASS Band4 3MHz 16QAM 20385 8RB#7 20.70 21.20 30.00 PASS Band4 3MHz 16QAM 20385 8RB#4 20.72 21.22 30.00 PASS Band4	Band4				1RB#0	21.88			
Band4 3MHz 16QAM 20175 8RB#7 20.74 21.24 30.00 PASS Band4 3MHz 16QAM 20175 15RB#0 20.64 21.14 30.00 PASS Band4 3MHz 16QAM 20385 1RB#14 21.89 22.39 30.00 PASS Band4 3MHz 16QAM 20385 1RB#0 21.91 22.41 30.00 PASS Band4 3MHz 16QAM 20385 1RB#8 21.93 22.43 30.00 PASS Band4 3MHz 16QAM 20385 8RB#0 20.72 21.22 30.00 PASS Band4 3MHz 16QAM 20385 8RB#7 20.70 21.20 30.00 PASS Band4 3MHz 16QAM 20385 8RB#4 20.72 21.22 30.00 PASS Band4 3MHz 16QAM 20385 8RB#6 20.62 21.12 30.00 PASS	Band4	3MHz	16QAM		8RB#4	20.76	21.26	30.00	PASS
Band4 3MHz 16QAM 20175 15RB#0 20.64 21.14 30.00 PASS Band4 3MHz 16QAM 20385 1RB#14 21.89 22.39 30.00 PASS Band4 3MHz 16QAM 20385 1RB#0 21.91 22.41 30.00 PASS Band4 3MHz 16QAM 20385 1RB#8 21.93 22.43 30.00 PASS Band4 3MHz 16QAM 20385 8RB#0 20.72 21.22 30.00 PASS Band4 3MHz 16QAM 20385 8RB#7 20.70 21.20 30.00 PASS Band4 3MHz 16QAM 20385 8RB#4 20.72 21.22 30.00 PASS Band4 3MHz 16QAM 20385 15RB#0 20.62 21.12 30.00 PASS					8RB#0	20.75	21.25	30.00	
Band4 3MHz 16QAM 20385 1RB#14 21.89 22.39 30.00 PASS Band4 3MHz 16QAM 20385 1RB#0 21.91 22.41 30.00 PASS Band4 3MHz 16QAM 20385 1RB#8 21.93 22.43 30.00 PASS Band4 3MHz 16QAM 20385 8RB#0 20.72 21.22 30.00 PASS Band4 3MHz 16QAM 20385 8RB#7 20.70 21.20 30.00 PASS Band4 3MHz 16QAM 20385 8RB#4 20.72 21.22 30.00 PASS Band4 3MHz 16QAM 20385 15RB#0 20.62 21.12 30.00 PASS	Band4		16QAM				21.24	30.00	
Band4 3MHz 16QAM 20385 1RB#0 21.91 22.41 30.00 PASS Band4 3MHz 16QAM 20385 1RB#8 21.93 22.43 30.00 PASS Band4 3MHz 16QAM 20385 8RB#0 20.72 21.22 30.00 PASS Band4 3MHz 16QAM 20385 8RB#7 20.70 21.20 30.00 PASS Band4 3MHz 16QAM 20385 8RB#4 20.72 21.22 30.00 PASS Band4 3MHz 16QAM 20385 15RB#0 20.62 21.12 30.00 PASS	Band4		16QAM	20175	15RB#0		_	30.00	
Band4 3MHz 16QAM 20385 1RB#8 21.93 22.43 30.00 PASS Band4 3MHz 16QAM 20385 8RB#0 20.72 21.22 30.00 PASS Band4 3MHz 16QAM 20385 8RB#7 20.70 21.20 30.00 PASS Band4 3MHz 16QAM 20385 8RB#4 20.72 21.22 30.00 PASS Band4 3MHz 16QAM 20385 15RB#0 20.62 21.12 30.00 PASS	Band4	3MHz	16QAM	20385	1RB#14	21.89	22.39	30.00	PASS
Band4 3MHz 16QAM 20385 8RB#0 20.72 21.22 30.00 PASS Band4 3MHz 16QAM 20385 8RB#7 20.70 21.20 30.00 PASS Band4 3MHz 16QAM 20385 8RB#4 20.72 21.22 30.00 PASS Band4 3MHz 16QAM 20385 15RB#0 20.62 21.12 30.00 PASS	Band4		16QAM		1RB#0		22.41	30.00	
Band4 3MHz 16QAM 20385 8RB#7 20.70 21.20 30.00 PASS Band4 3MHz 16QAM 20385 8RB#4 20.72 21.22 30.00 PASS Band4 3MHz 16QAM 20385 15RB#0 20.62 21.12 30.00 PASS	Band4	3MHz		20385	1RB#8	21.93	22.43	30.00	PASS
Band4 3MHz 16QAM 20385 8RB#4 20.72 21.22 30.00 PASS Band4 3MHz 16QAM 20385 15RB#0 20.62 21.12 30.00 PASS	Band4	3MHz	16QAM	20385	8RB#0	20.72	21.22	30.00	PASS
Band4 3MHz 16QAM 20385 15RB#0 20.62 21.12 30.00 PASS	Band4	3MHz	16QAM	20385	8RB#7	20.70	21.20	30.00	PASS
	Band4	3MHz	16QAM	20385	8RB#4	20.72	21.22	30.00	PASS
Rand4 5MHz OPSK 19975 1PB#94 22.67 22.17 20.00 PASS	Band4	3MHz	16QAM	20385	15RB#0	20.62	21.12	30.00	PASS
Daliu+ Sivil IZ QFSN 19913 TND#24 22.01 23.11 30.00 PASS	Band4	5MHz	QPSK	19975	1RB#24	22.67	23.17	30.00	PASS



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Band4	5MHz	QPSK	19975	1RB#12	22.94	23.44	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.69	23.19	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.84	22.34	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.78	22.28	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.79	22.29	30.00	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.80	22.30	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.56	23.06	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.58	23.08	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.79	23.29	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.73	22.23	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.69	22.19	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.70	22.20	30.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.68	22.18	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.54	23.04	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.82	23.32	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.51	23.01	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.66	22.16	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.68	22.18	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.63	22.13	30.00	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.67	22.17	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.90	22.40	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.19	22.69	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.89	22.39	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.80	21.30	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.76	21.26	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.83	21.33	30.00	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.78	21.28	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.83	22.33	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.94	22.44	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.76	22.26	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.70	21.20	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.72	21.22	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.72	21.22	30.00	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.69	21.19	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.76	22.26	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.72	22.22	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.12	22.62	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.68	21.18	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.68	21.18	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.65	21.15	30.00	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.63	21.13	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.78	23.28	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.85	23.35	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.73	23.23	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.83	22.33	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.84	22.34	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.91	22.41	30.00	PASS
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Band4 10MHz OPSK 20000 50RB#0 21.89 22.39 30.00 PASS Band4 10MHz OPSK 20175 1RB#9 22.66 23.14 30.00 PASS Band4 10MHz OPSK 20175 1RB#04 22.76 23.26 30.00 PASS Band4 10MHz OPSK 20175 25RB#02 21.73 22.23 30.00 PASS Band4 10MHz OPSK 20175 25RB#12 21.75 22.25 30.00 PASS Band4 10MHz OPSK 20175 25RB#25 21.76 22.25 30.00 PASS Band4 10MHz OPSK 20350 1RB#04 22.76 23.11 30.00 PASS Band4 10MHz OPSK 20350 1RB#04 22.66 23.16 30.00 PASS Band4 10MHz OPSK 20350 25RB#0 21.74 22.24 30.00 PASS	D 14	400411	OPOK	00000	50DD#0	04.00	00.00	00.00	DA 00
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Band4 10MHz QPSK 20350 25RB#12 21.70 22.20 30.00 PASS Band4 10MHz QPSK 20350 50RB#0 21.71 22.21 30.00 PASS Band4 10MHz 16QAM 20000 1RB#24 22.10 22.60 30.00 PASS Band4 10MHz 16QAM 20000 1RB#49 21.98 22.48 30.00 PASS Band4 10MHz 16QAM 20000 25RB#0 22.81 23.31 30.00 PASS Band4 10MHz 16QAM 20000 25RB#12 20.79 21.29 30.00 PASS Band4 10MHz 16QAM 20000 25RB#25 20.89 21.39 30.00 PASS Band4 10MHz 16QAM 20000 50RB#0 20.86 21.36 30.00 PASS Band4 10MHz 16QAM 20175 1RB#0 21.98 22.44 30.00 PASS									
Band4 10MHz QPSK 20350 50RB#0 21.71 22.21 30.00 PASS Band4 10MHz 16QAM 20000 1RB#24 22.10 22.60 30.00 PASS Band4 10MHz 16QAM 20000 1RB#49 21.98 22.48 30.00 PASS Band4 10MHz 16QAM 20000 25RB#0 22.81 23.31 30.00 PASS Band4 10MHz 16QAM 20000 25RB#12 20.79 21.29 30.00 PASS Band4 10MHz 16QAM 20000 25RB#12 20.79 21.29 30.00 PASS Band4 10MHz 16QAM 20000 25RB#25 20.89 21.36 30.00 PASS Band4 10MHz 16QAM 20175 1RB#49 21.94 22.44 30.00 PASS Band4 10MHz 16QAM 20175 1RB#24 22.02 22.52 30.00 PASS									
Band4 10MHz 16QAM 20000 1RB#24 22.10 22.60 30.00 PASS Band4 10MHz 16QAM 20000 1RB#49 21.98 22.48 30.00 PASS Band4 10MHz 16QAM 20000 25RB#0 22.81 23.31 30.00 PASS Band4 10MHz 16QAM 20000 25RB#12 20.79 21.29 30.00 PASS Band4 10MHz 16QAM 20000 25RB#25 20.89 21.39 30.00 PASS Band4 10MHz 16QAM 20000 50RB#0 20.86 21.36 30.00 PASS Band4 10MHz 16QAM 20175 1RB#49 21.98 22.48 30.00 PASS Band4 10MHz 16QAM 20175 1RB#49 21.98 22.48 30.00 PASS Band4 10MHz 16QAM 20175 1RB#24 22.02 22.52 30.00 PASS							+		
Band4 10MHz 16QAM 20000 1RB#49 21.98 22.48 30.00 PASS Band4 10MHz 16QAM 20000 1RB#0 21.98 22.48 30.00 PASS Band4 10MHz 16QAM 20000 25RB#0 22.81 23.31 30.00 PASS Band4 10MHz 16QAM 20000 25RB#12 20.79 21.29 30.00 PASS Band4 10MHz 16QAM 20000 50RB#0 20.86 21.36 30.00 PASS Band4 10MHz 16QAM 20175 1RB#49 21.94 22.44 30.00 PASS Band4 10MHz 16QAM 20175 1RB#49 21.94 22.44 30.00 PASS Band4 10MHz 16QAM 20175 1RB#49 21.94 22.43 30.00 PASS Band4 10MHz 16QAM 20175 25RB#0 20.75 21.25 30.00 PASS					***************************************		1		
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Band4 10MHz 16QAM 20000 25RB#12 20.79 21.29 30.00 PASS Band4 10MHz 16QAM 20000 25RB#25 20.89 21.39 30.00 PASS Band4 10MHz 16QAM 20000 50RB#0 20.86 21.36 30.00 PASS Band4 10MHz 16QAM 20175 1RB#49 21.94 22.44 30.00 PASS Band4 10MHz 16QAM 20175 1RB#0 21.98 22.48 30.00 PASS Band4 10MHz 16QAM 20175 1RB#24 22.02 22.52 30.00 PASS Band4 10MHz 16QAM 20175 25RB#25 20.75 21.25 30.00 PASS Band4 10MHz 16QAM 20175 25RB#12 20.73 21.23 30.00 PASS Band4 10MHz 16QAM 20175 50RB#0 20.74 21.24 30.00 PASS <tr< td=""><td>Band4</td><td>10MHz</td><td>16QAM</td><td>20000</td><td>1RB#0</td><td>21.98</td><td>22.48</td><td>30.00</td><td>PASS</td></tr<>	Band4	10MHz	16QAM	20000	1RB#0	21.98	22.48	30.00	PASS
Band4 10MHz 16QAM 20000 25RB#25 20.89 21.39 30.00 PASS Band4 10MHz 16QAM 20000 50RB#0 20.86 21.36 30.00 PASS Band4 10MHz 16QAM 20175 1RB#49 21.94 22.44 30.00 PASS Band4 10MHz 16QAM 20175 1RB#0 21.98 22.48 30.00 PASS Band4 10MHz 16QAM 20175 1RB#24 22.02 22.52 30.00 PASS Band4 10MHz 16QAM 20175 25RB#25 20.75 21.25 30.00 PASS Band4 10MHz 16QAM 20175 25RB#12 20.73 21.23 30.00 PASS Band4 10MHz 16QAM 20175 25RB#0 20.74 21.24 30.00 PASS Band4 10MHz 16QAM 20350 1RB#49 21.84 22.02 22.52 30.00 PASS<	Band4	10MHz	16QAM	20000	25RB#0	22.81	23.31	30.00	
Band4 10MHz 16QAM 20000 50RB#0 20.86 21.36 30.00 PASS Band4 10MHz 16QAM 20175 1RB#49 21.94 22.44 30.00 PASS Band4 10MHz 16QAM 20175 1RB#0 21.98 22.48 30.00 PASS Band4 10MHz 16QAM 20175 1RB#24 22.02 22.52 30.00 PASS Band4 10MHz 16QAM 20175 25RB#25 20.75 21.25 30.00 PASS Band4 10MHz 16QAM 20175 25RB#12 20.73 21.23 30.00 PASS Band4 10MHz 16QAM 20175 50RB#0 20.74 21.24 30.00 PASS Band4 10MHz 16QAM 20350 1RB#24 22.02 22.52 30.00 PASS Band4 10MHz 16QAM 20350 1RB#49 21.84 22.34 30.00 PASS	Band4	10MHz	16QAM	20000	25RB#12	20.79	21.29	30.00	PASS
Band4 10MHz 16QAM 20175 1RB#49 21.94 22.44 30.00 PASS Band4 10MHz 16QAM 20175 1RB#0 21.98 22.48 30.00 PASS Band4 10MHz 16QAM 20175 1RB#24 22.02 22.52 30.00 PASS Band4 10MHz 16QAM 20175 25RB#25 20.75 21.25 30.00 PASS Band4 10MHz 16QAM 20175 25RB#12 20.73 21.23 30.00 PASS Band4 10MHz 16QAM 20175 25RB#0 20.74 21.24 30.00 PASS Band4 10MHz 16QAM 20175 50RB#0 20.73 21.23 30.00 PASS Band4 10MHz 16QAM 20350 1RB#24 22.02 22.52 30.00 PASS Band4 10MHz 16QAM 20350 1RB#0 21.84 22.34 30.00 PASS	Band4	10MHz	16QAM	20000	25RB#25	20.89	21.39	30.00	PASS
Band4 10MHz 16QAM 20175 1RB#0 21.98 22.48 30.00 PASS Band4 10MHz 16QAM 20175 1RB#24 22.02 22.52 30.00 PASS Band4 10MHz 16QAM 20175 25RB#25 20.75 21.25 30.00 PASS Band4 10MHz 16QAM 20175 25RB#12 20.73 21.23 30.00 PASS Band4 10MHz 16QAM 20175 25RB#0 20.74 21.24 30.00 PASS Band4 10MHz 16QAM 20175 50RB#0 20.73 21.23 30.00 PASS Band4 10MHz 16QAM 20350 1RB#24 22.02 22.52 30.00 PASS Band4 10MHz 16QAM 20350 1RB#49 21.84 22.34 30.00 PASS Band4 10MHz 16QAM 20350 25RB#25 20.69 21.19 30.00 PASS	Band4	10MHz	16QAM		50RB#0	20.86	21.36	30.00	PASS
Band4 10MHz 16QAM 20175 1RB#24 22.02 22.52 30.00 PASS Band4 10MHz 16QAM 20175 25RB#25 20.75 21.25 30.00 PASS Band4 10MHz 16QAM 20175 25RB#12 20.73 21.23 30.00 PASS Band4 10MHz 16QAM 20175 25RB#0 20.74 21.24 30.00 PASS Band4 10MHz 16QAM 20175 50RB#0 20.73 21.23 30.00 PASS Band4 10MHz 16QAM 20350 1RB#24 22.02 22.52 30.00 PASS Band4 10MHz 16QAM 20350 1RB#49 21.84 22.34 30.00 PASS Band4 10MHz 16QAM 20350 25RB#25 20.69 21.19 30.00 PASS Band4 10MHz 16QAM 20350 25RB#12 20.69 21.19 30.00 PASS <t< td=""><td>Band4</td><td>10MHz</td><td>16QAM</td><td>20175</td><td>1RB#49</td><td>21.94</td><td>22.44</td><td>30.00</td><td>PASS</td></t<>	Band4	10MHz	16QAM	20175	1RB#49	21.94	22.44	30.00	PASS
Band4 10MHz 16QAM 20175 25RB#25 20.75 21.25 30.00 PASS Band4 10MHz 16QAM 20175 25RB#12 20.73 21.23 30.00 PASS Band4 10MHz 16QAM 20175 25RB#0 20.74 21.24 30.00 PASS Band4 10MHz 16QAM 20175 50RB#0 20.73 21.23 30.00 PASS Band4 10MHz 16QAM 20350 1RB#24 22.02 22.52 30.00 PASS Band4 10MHz 16QAM 20350 1RB#49 21.84 22.34 30.00 PASS Band4 10MHz 16QAM 20350 25RB#0 21.84 22.34 30.00 PASS Band4 10MHz 16QAM 20350 25RB#25 20.69 21.19 30.00 PASS Band4 10MHz 16QAM 20350 25RB#0 20.72 21.22 30.00 PASS <tr< td=""><td>Band4</td><td>10MHz</td><td>16QAM</td><td>20175</td><td>1RB#0</td><td>21.98</td><td>22.48</td><td>30.00</td><td></td></tr<>	Band4	10MHz	16QAM	20175	1RB#0	21.98	22.48	30.00	
Band4 10MHz 16QAM 20175 25RB#12 20.73 21.23 30.00 PASS Band4 10MHz 16QAM 20175 25RB#0 20.74 21.24 30.00 PASS Band4 10MHz 16QAM 20175 50RB#0 20.73 21.23 30.00 PASS Band4 10MHz 16QAM 20350 1RB#24 22.02 22.52 30.00 PASS Band4 10MHz 16QAM 20350 1RB#49 21.84 22.34 30.00 PASS Band4 10MHz 16QAM 20350 25RB#0 21.84 22.34 30.00 PASS Band4 10MHz 16QAM 20350 25RB#25 20.69 21.19 30.00 PASS Band4 10MHz 16QAM 20350 25RB#0 20.72 21.22 30.00 PASS Band4 10MHz 16QAM 20350 25RB#0 20.72 21.20 30.00 PASS	Band4	10MHz	16QAM	20175	1RB#24	22.02	22.52	30.00	PASS
Band4 10MHz 16QAM 20175 25RB#0 20.74 21.24 30.00 PASS Band4 10MHz 16QAM 20175 50RB#0 20.73 21.23 30.00 PASS Band4 10MHz 16QAM 20350 1RB#24 22.02 22.52 30.00 PASS Band4 10MHz 16QAM 20350 1RB#49 21.84 22.34 30.00 PASS Band4 10MHz 16QAM 20350 1RB#0 21.84 22.34 30.00 PASS Band4 10MHz 16QAM 20350 25RB#25 20.69 21.19 30.00 PASS Band4 10MHz 16QAM 20350 25RB#12 20.69 21.19 30.00 PASS Band4 10MHz 16QAM 20350 25RB#0 20.72 21.22 30.00 PASS Band4 10MHz 16QAM 20350 50RB#0 20.70 21.20 30.00 PASS	Band4	10MHz	16QAM	20175		20.75	_	30.00	PASS
Band4 10MHz 16QAM 20175 50RB#0 20.73 21.23 30.00 PASS Band4 10MHz 16QAM 20350 1RB#24 22.02 22.52 30.00 PASS Band4 10MHz 16QAM 20350 1RB#0 21.84 22.34 30.00 PASS Band4 10MHz 16QAM 20350 25RB#0 21.84 22.34 30.00 PASS Band4 10MHz 16QAM 20350 25RB#25 20.69 21.19 30.00 PASS Band4 10MHz 16QAM 20350 25RB#12 20.69 21.19 30.00 PASS Band4 10MHz 16QAM 20350 25RB#0 20.72 21.22 30.00 PASS Band4 10MHz 16QAM 20350 50RB#0 20.70 21.20 30.00 PASS Band4 15MHz QPSK 20025 1RB#74 22.69 23.19 30.00 PASS	Band4	10MHz	16QAM	20175	25RB#12	20.73	21.23	30.00	PASS
Band4 10MHz 16QAM 20350 1RB#24 22.02 22.52 30.00 PASS Band4 10MHz 16QAM 20350 1RB#49 21.84 22.34 30.00 PASS Band4 10MHz 16QAM 20350 25RB#25 20.69 21.19 30.00 PASS Band4 10MHz 16QAM 20350 25RB#12 20.69 21.19 30.00 PASS Band4 10MHz 16QAM 20350 25RB#0 20.72 21.22 30.00 PASS Band4 10MHz 16QAM 20350 25RB#0 20.72 21.22 30.00 PASS Band4 10MHz 16QAM 20350 50RB#0 20.70 21.20 30.00 PASS Band4 15MHz QPSK 20025 1RB#74 22.69 23.19 30.00 PASS Band4 15MHz QPSK 20025 1RB#38 22.74 23.24 30.00 PASS	Band4	10MHz	16QAM	20175	25RB#0	20.74	21.24	30.00	PASS
Band4 10MHz 16QAM 20350 1RB#49 21.84 22.34 30.00 PASS Band4 10MHz 16QAM 20350 1RB#0 21.84 22.34 30.00 PASS Band4 10MHz 16QAM 20350 25RB#25 20.69 21.19 30.00 PASS Band4 10MHz 16QAM 20350 25RB#12 20.69 21.19 30.00 PASS Band4 10MHz 16QAM 20350 25RB#0 20.72 21.22 30.00 PASS Band4 10MHz 16QAM 20350 50RB#0 20.70 21.20 30.00 PASS Band4 15MHz QPSK 20025 1RB#74 22.69 23.19 30.00 PASS Band4 15MHz QPSK 20025 1RB#38 22.74 23.24 30.00 PASS Band4 15MHz QPSK 20025 36RB#39 21.88 22.38 30.00 PASS	Band4	10MHz	16QAM	20175	50RB#0	20.73	21.23	30.00	PASS
Band4 10MHz 16QAM 20350 1RB#0 21.84 22.34 30.00 PASS Band4 10MHz 16QAM 20350 25RB#25 20.69 21.19 30.00 PASS Band4 10MHz 16QAM 20350 25RB#12 20.69 21.19 30.00 PASS Band4 10MHz 16QAM 20350 25RB#0 20.72 21.22 30.00 PASS Band4 10MHz 16QAM 20350 50RB#0 20.70 21.20 30.00 PASS Band4 15MHz QPSK 20025 1RB#74 22.69 23.19 30.00 PASS Band4 15MHz QPSK 20025 1RB#38 22.74 23.24 30.00 PASS Band4 15MHz QPSK 20025 1RB#38 22.78 23.28 30.00 PASS Band4 15MHz QPSK 20025 36RB#39 21.88 22.38 30.00 PASS	Band4	10MHz	16QAM	20350	1RB#24	22.02	22.52	30.00	PASS
Band4 10MHz 16QAM 20350 25RB#25 20.69 21.19 30.00 PASS Band4 10MHz 16QAM 20350 25RB#12 20.69 21.19 30.00 PASS Band4 10MHz 16QAM 20350 25RB#0 20.72 21.22 30.00 PASS Band4 10MHz 16QAM 20350 50RB#0 20.70 21.20 30.00 PASS Band4 15MHz QPSK 20025 1RB#74 22.69 23.19 30.00 PASS Band4 15MHz QPSK 20025 1RB#38 22.74 23.24 30.00 PASS Band4 15MHz QPSK 20025 1RB#38 22.78 23.28 30.00 PASS Band4 15MHz QPSK 20025 36RB#39 21.88 22.38 30.00 PASS Band4 15MHz QPSK 20025 36RB#18 21.85 22.35 30.00 PASS	Band4	10MHz	16QAM	20350	1RB#49	21.84	22.34	30.00	PASS
Band4 10MHz 16QAM 20350 25RB#12 20.69 21.19 30.00 PASS Band4 10MHz 16QAM 20350 25RB#0 20.72 21.22 30.00 PASS Band4 10MHz 16QAM 20350 50RB#0 20.70 21.20 30.00 PASS Band4 15MHz QPSK 20025 1RB#74 22.69 23.19 30.00 PASS Band4 15MHz QPSK 20025 1RB#0 22.74 23.24 30.00 PASS Band4 15MHz QPSK 20025 1RB#38 22.78 23.28 30.00 PASS Band4 15MHz QPSK 20025 36RB#39 21.88 22.38 30.00 PASS Band4 15MHz QPSK 20025 36RB#18 21.85 22.35 30.00 PASS Band4 15MHz QPSK 20025 75RB#0 21.84 22.34 30.00 PASS	Band4	10MHz	16QAM	20350	1RB#0	21.84	22.34	30.00	PASS
Band4 10MHz 16QAM 20350 25RB#0 20.72 21.22 30.00 PASS Band4 10MHz 16QAM 20350 50RB#0 20.70 21.20 30.00 PASS Band4 15MHz QPSK 20025 1RB#74 22.69 23.19 30.00 PASS Band4 15MHz QPSK 20025 1RB#0 22.74 23.24 30.00 PASS Band4 15MHz QPSK 20025 1RB#38 22.78 23.28 30.00 PASS Band4 15MHz QPSK 20025 36RB#39 21.88 22.38 30.00 PASS Band4 15MHz QPSK 20025 36RB#18 21.85 22.35 30.00 PASS Band4 15MHz QPSK 20025 36RB#0 21.84 22.34 30.00 PASS Band4 15MHz QPSK 20025 75RB#0 21.87 22.37 30.00 PASS	Band4	10MHz	16QAM	20350	25RB#25		21.19	30.00	
Band4 10MHz 16QAM 20350 50RB#0 20.70 21.20 30.00 PASS Band4 15MHz QPSK 20025 1RB#74 22.69 23.19 30.00 PASS Band4 15MHz QPSK 20025 1RB#0 22.74 23.24 30.00 PASS Band4 15MHz QPSK 20025 1RB#38 22.78 23.28 30.00 PASS Band4 15MHz QPSK 20025 36RB#39 21.88 22.38 30.00 PASS Band4 15MHz QPSK 20025 36RB#18 21.85 22.35 30.00 PASS Band4 15MHz QPSK 20025 36RB#0 21.84 22.34 30.00 PASS Band4 15MHz QPSK 20025 75RB#0 21.87 22.37 30.00 PASS Band4 15MHz QPSK 20175 1RB#38 22.69 23.19 30.00 PASS	Band4	10MHz	16QAM	20350	25RB#12	20.69	21.19	30.00	PASS
Band4 15MHz QPSK 20025 1RB#74 22.69 23.19 30.00 PASS Band4 15MHz QPSK 20025 1RB#0 22.74 23.24 30.00 PASS Band4 15MHz QPSK 20025 1RB#38 22.78 23.28 30.00 PASS Band4 15MHz QPSK 20025 36RB#39 21.88 22.38 30.00 PASS Band4 15MHz QPSK 20025 36RB#18 21.85 22.35 30.00 PASS Band4 15MHz QPSK 20025 36RB#0 21.84 22.34 30.00 PASS Band4 15MHz QPSK 20025 75RB#0 21.87 22.37 30.00 PASS Band4 15MHz QPSK 20175 1RB#74 22.59 23.09 30.00 PASS Band4 15MHz QPSK 20175 1RB#38 22.69 23.19 30.00 PASS <	Band4	10MHz	16QAM	20350	25RB#0	20.72	21.22	30.00	PASS
Band4 15MHz QPSK 20025 1RB#0 22.74 23.24 30.00 PASS Band4 15MHz QPSK 20025 1RB#38 22.78 23.28 30.00 PASS Band4 15MHz QPSK 20025 36RB#39 21.88 22.38 30.00 PASS Band4 15MHz QPSK 20025 36RB#18 21.85 22.35 30.00 PASS Band4 15MHz QPSK 20025 36RB#0 21.84 22.34 30.00 PASS Band4 15MHz QPSK 20025 75RB#0 21.87 22.37 30.00 PASS Band4 15MHz QPSK 20175 1RB#74 22.59 23.09 30.00 PASS Band4 15MHz QPSK 20175 1RB#38 22.69 23.19 30.00 PASS Band4 15MHz QPSK 20175 1RB#38 22.63 23.13 30.00 PASS	Band4	10MHz	16QAM	20350	50RB#0	20.70	21.20	30.00	PASS
Band4 15MHz QPSK 20025 1RB#38 22.78 23.28 30.00 PASS Band4 15MHz QPSK 20025 36RB#39 21.88 22.38 30.00 PASS Band4 15MHz QPSK 20025 36RB#18 21.85 22.35 30.00 PASS Band4 15MHz QPSK 20025 36RB#0 21.84 22.34 30.00 PASS Band4 15MHz QPSK 20025 75RB#0 21.87 22.37 30.00 PASS Band4 15MHz QPSK 20175 1RB#74 22.59 23.09 30.00 PASS Band4 15MHz QPSK 20175 1RB#38 22.69 23.19 30.00 PASS Band4 15MHz QPSK 20175 1RB#38 22.63 23.13 30.00 PASS	Band4	15MHz	QPSK	20025	1RB#74	22.69	23.19	30.00	PASS
Band4 15MHz QPSK 20025 36RB#39 21.88 22.38 30.00 PASS Band4 15MHz QPSK 20025 36RB#18 21.85 22.35 30.00 PASS Band4 15MHz QPSK 20025 36RB#0 21.84 22.34 30.00 PASS Band4 15MHz QPSK 20025 75RB#0 21.87 22.37 30.00 PASS Band4 15MHz QPSK 20175 1RB#74 22.59 23.09 30.00 PASS Band4 15MHz QPSK 20175 1RB#38 22.69 23.19 30.00 PASS Band4 15MHz QPSK 20175 1RB#0 22.63 23.13 30.00 PASS	Band4	15MHz	QPSK	20025	1RB#0	22.74	23.24	30.00	PASS
Band4 15MHz QPSK 20025 36RB#18 21.85 22.35 30.00 PASS Band4 15MHz QPSK 20025 36RB#0 21.84 22.34 30.00 PASS Band4 15MHz QPSK 20025 75RB#0 21.87 22.37 30.00 PASS Band4 15MHz QPSK 20175 1RB#74 22.59 23.09 30.00 PASS Band4 15MHz QPSK 20175 1RB#38 22.69 23.19 30.00 PASS Band4 15MHz QPSK 20175 1RB#0 22.63 23.13 30.00 PASS	Band4	15MHz	QPSK	20025	1RB#38	22.78	23.28	30.00	PASS
Band4 15MHz QPSK 20025 36RB#0 21.84 22.34 30.00 PASS Band4 15MHz QPSK 20025 75RB#0 21.87 22.37 30.00 PASS Band4 15MHz QPSK 20175 1RB#74 22.59 23.09 30.00 PASS Band4 15MHz QPSK 20175 1RB#38 22.69 23.19 30.00 PASS Band4 15MHz QPSK 20175 1RB#0 22.63 23.13 30.00 PASS	Band4	15MHz	QPSK	20025	36RB#39	21.88	22.38	30.00	PASS
Band4 15MHz QPSK 20025 75RB#0 21.87 22.37 30.00 PASS Band4 15MHz QPSK 20175 1RB#74 22.59 23.09 30.00 PASS Band4 15MHz QPSK 20175 1RB#38 22.69 23.19 30.00 PASS Band4 15MHz QPSK 20175 1RB#0 22.63 23.13 30.00 PASS	Band4	15MHz	QPSK	20025	36RB#18	21.85	22.35	30.00	PASS
Band4 15MHz QPSK 20175 1RB#74 22.59 23.09 30.00 PASS Band4 15MHz QPSK 20175 1RB#38 22.69 23.19 30.00 PASS Band4 15MHz QPSK 20175 1RB#0 22.63 23.13 30.00 PASS	Band4	15MHz	QPSK	20025	36RB#0	21.84	22.34	30.00	PASS
Band4 15MHz QPSK 20175 1RB#38 22.69 23.19 30.00 PASS Band4 15MHz QPSK 20175 1RB#0 22.63 23.13 30.00 PASS	Band4	15MHz	QPSK	20025	75RB#0	21.87	22.37	30.00	PASS
Band4 15MHz QPSK 20175 1RB#0 22.63 23.13 30.00 PASS	Band4	15MHz	QPSK	20175	1RB#74	22.59	23.09	30.00	PASS
	Band4	15MHz	QPSK	20175	1RB#38	22.69	23.19	30.00	PASS
Band4 15MHz QPSK 20175 36RB#0 21.71 22.21 30.00 PASS	Band4	15MHz	QPSK	20175	1RB#0	22.63	23.13	30.00	PASS
	Band4	15MHz	QPSK	20175	36RB#0	21.71	22.21	30.00	PASS



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Band4	15MHz	QPSK	20175	36RB#39	21.75	22.25	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#18	21.76	22.26	30.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.74	22.24	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.57	23.07	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.67	23.17	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.60	23.10	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#18	21.71	22.21	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#0	21.73	22.23	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#39	21.67	22.17	30.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.70	22.20	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.97	22.47	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.95	22.45	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.05	22.55	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#0	20.81	21.31	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#39	20.85	21.35	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#18	20.83	21.33	30.00	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.84	21.34	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.92	22.42	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.80	22.30	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.45	22.95	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#18	20.74	21.24	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#0	20.72	21.22	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#39	20.75	21.25	30.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.71	21.21	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.77	22.27	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.81	22.31	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.99	22.49	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#0	20.71	21.21	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#39	20.68	21.18	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#18	20.70	21.20	30.00	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.67	21.17	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.58	23.08	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.84	23.34	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.69	23.19	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.82	22.32	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.76	22.26	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.90	22.40	30.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.84	22.34	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.51	23.01	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.63	23.13	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.79	23.29	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.76	22.26	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.66	22.16	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.71	22.21	30.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.69	22.19	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.53	23.03	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.77	23.27	30.00	PASS
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Band4	20MHz	QPSK	20300	1RB#99	22.45	22.95	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.87	22.37	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.72	22.22	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.63	22.13	30.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.71	22.21	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.83	22.33	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.09	22.59	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.78	22.28	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.88	21.38	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.76	21.26	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.81	21.31	30.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.82	21.32	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.84	22.34	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.01	22.51	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.91	22.41	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.65	21.15	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.70	21.20	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.74	21.24	30.00	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.69	21.19	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.86	22.36	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.81	22.31	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.06	22.56	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.70	21.20	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.71	21.21	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.63	21.13	30.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.67	21.17	30.00	PASS

Remark:

a: For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,

ERP [dBm] = Conducted Power [dBm] + Gain [dBd]

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]



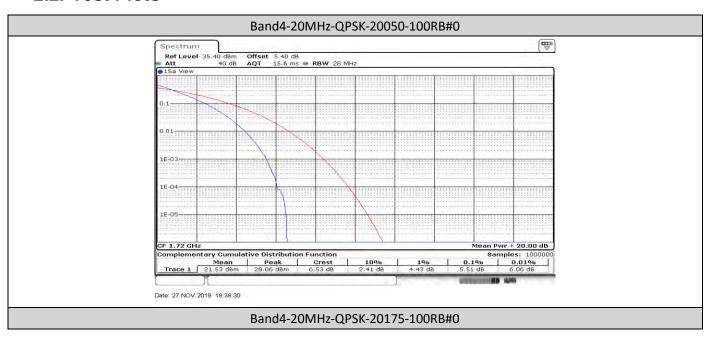
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2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

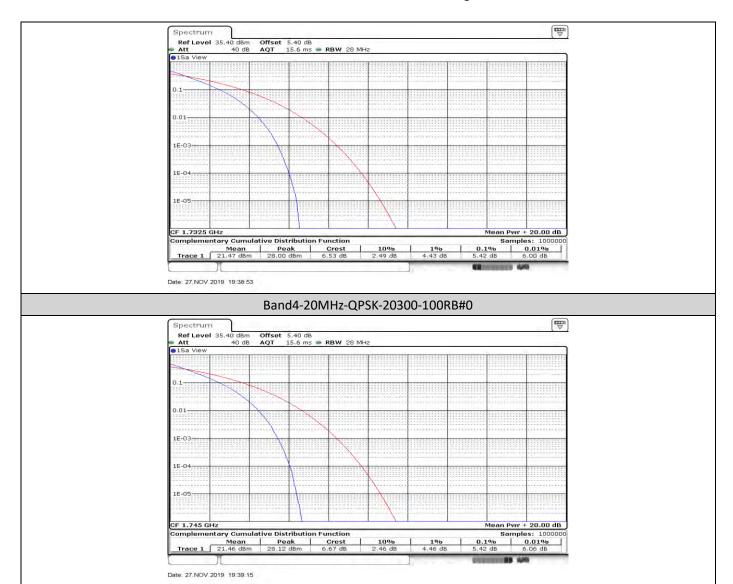
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	5.51	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.42	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.42	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.32	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.23	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.26	13	PASS

2.2. Test Plots





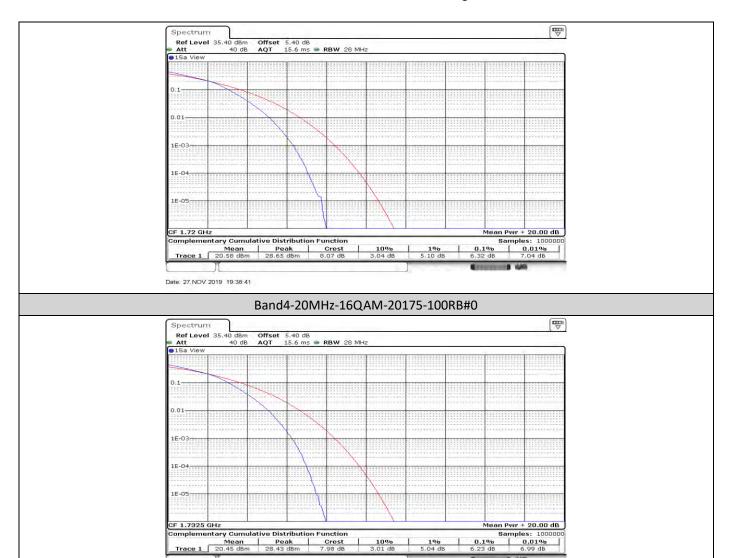
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Band4-20MHz-16QAM-20050-100RB#0



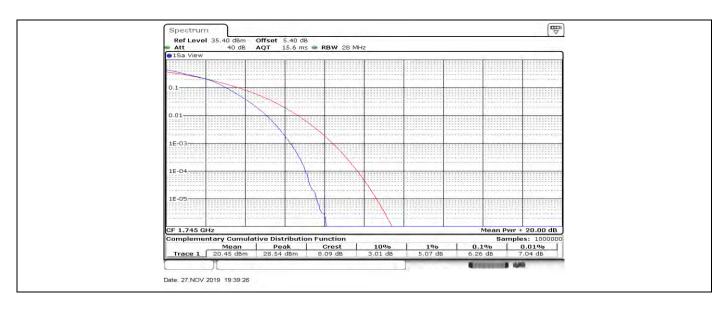
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Band4-20MHz-16QAM-20300-100RB#0



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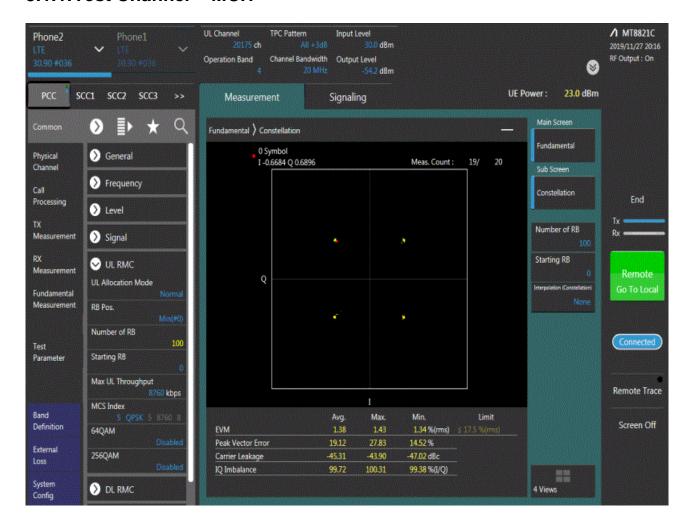


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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

3.1.1.Test Channel = MCH

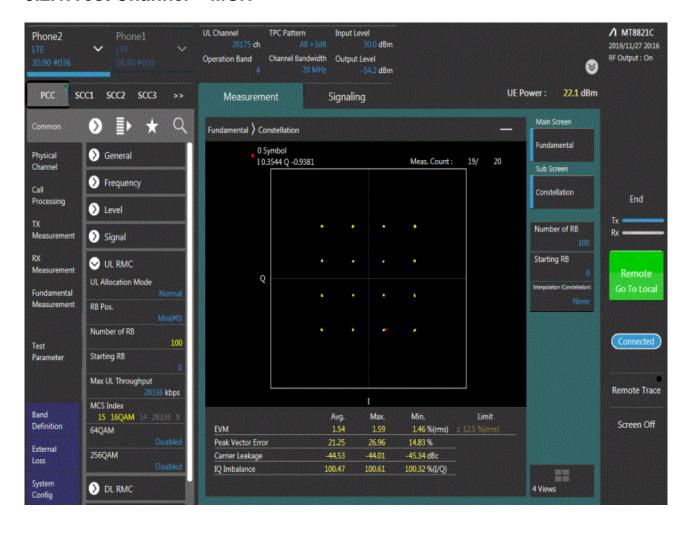




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3.2. Test Mode = LTE /TM2 20MHz

3.2.1.Test Channel = MCH





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4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.088	1.275	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.088	1.275	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.088	1.290	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.088	1.281	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.082	1.287	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.088	1.269	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.685	2.880	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.691	2.910	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.685	2.958	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.679	2.874	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.685	2.862	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.679	2.880	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.486	4.940	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.496	4.940	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.486	4.930	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.496	4.890	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.496	4.960	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.486	4.880	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.991	9.740	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.011	9.740	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.991	9.700	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.971	9.580	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.971	9.540	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.951	9.680	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.666	14.700	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.696	14.790	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.606	14.790	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.666	14.910	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.636	14.670	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.636	14.760	PASS
Band4	20MHz	QPSK	20050	100RB#0	18.102	19.480	PASS



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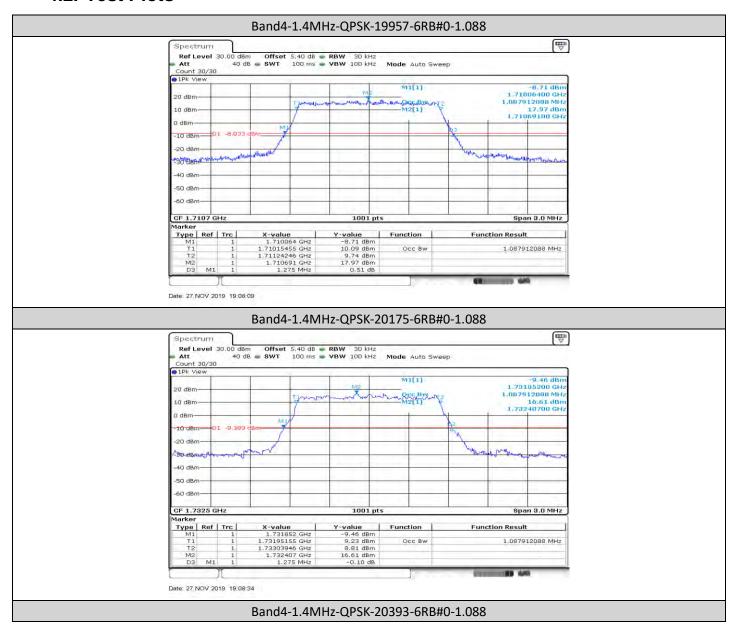


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Band4	20MHz	QPSK	20175	100RB#0	18.182	19.360	PASS
Band4	20MHz	QPSK	20300	100RB#0	18.062	19.480	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.182	19.440	PASS
Band4	20MHz	16QAM	20175	100RB#0	18.102	19.360	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.062	19.480	PASS

4.2. Test Plots





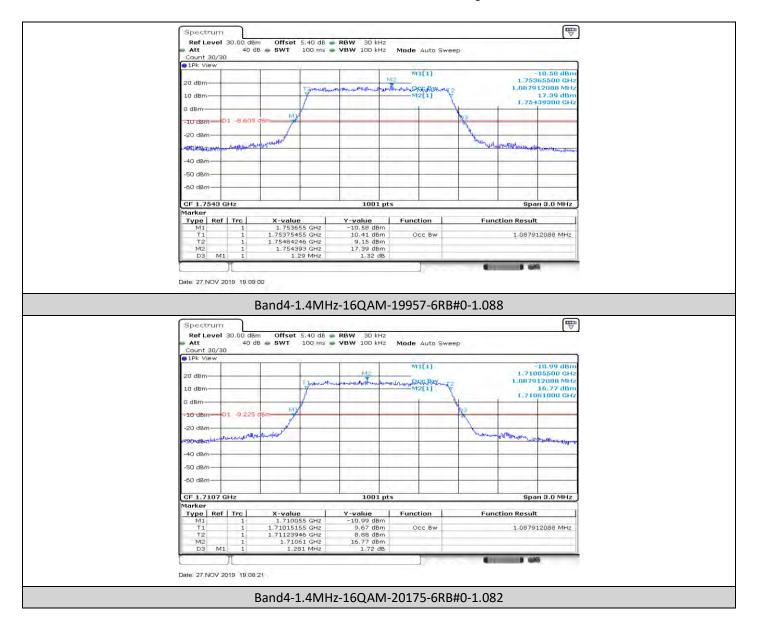
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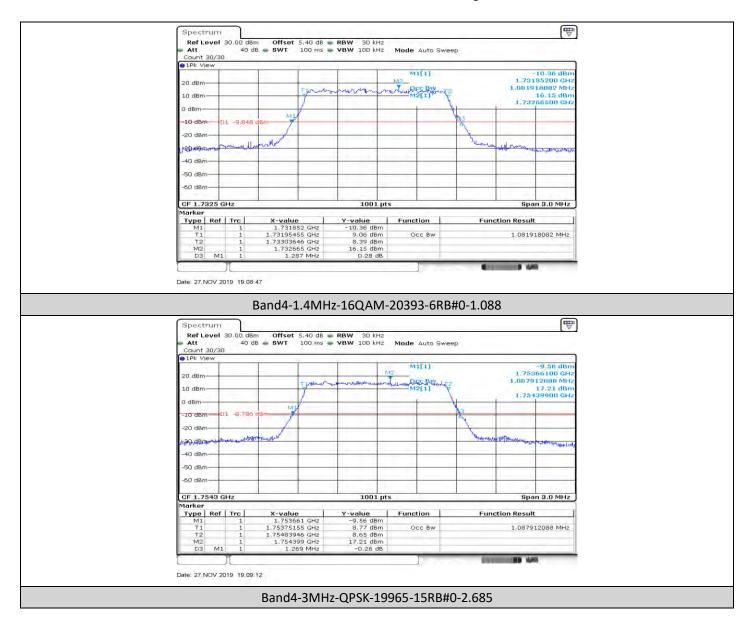
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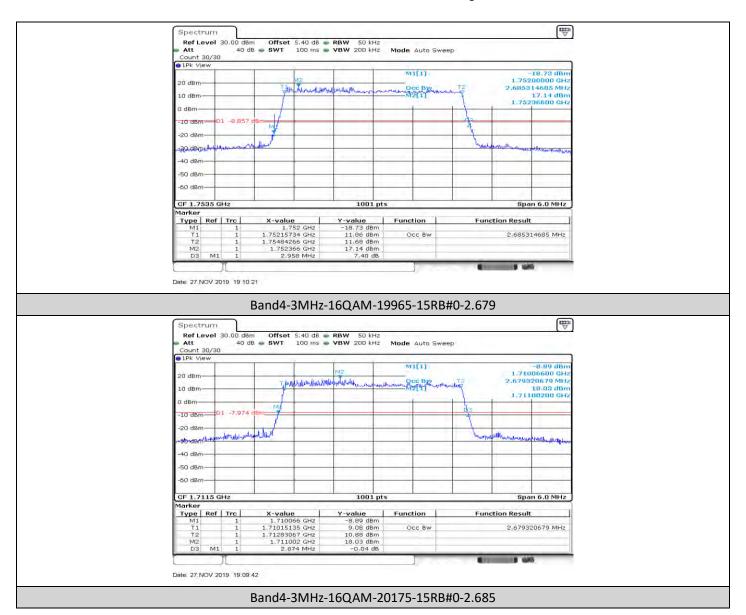
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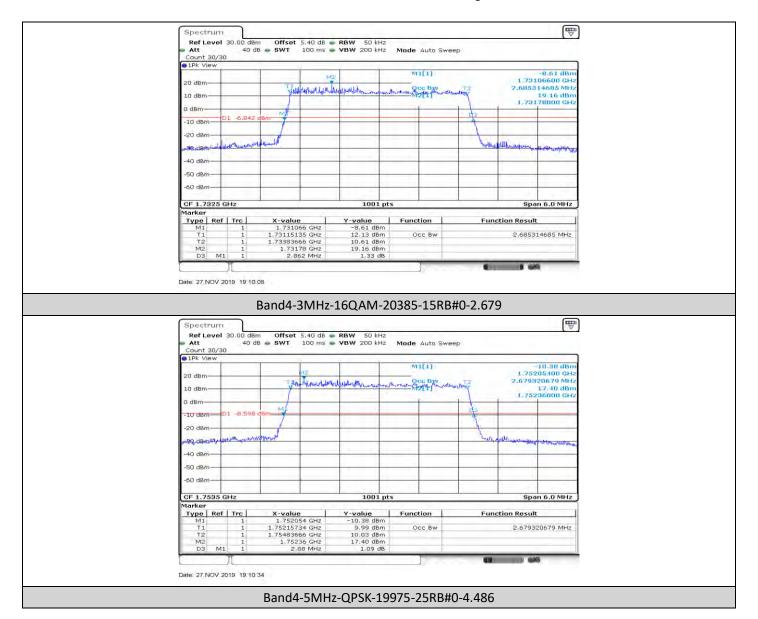
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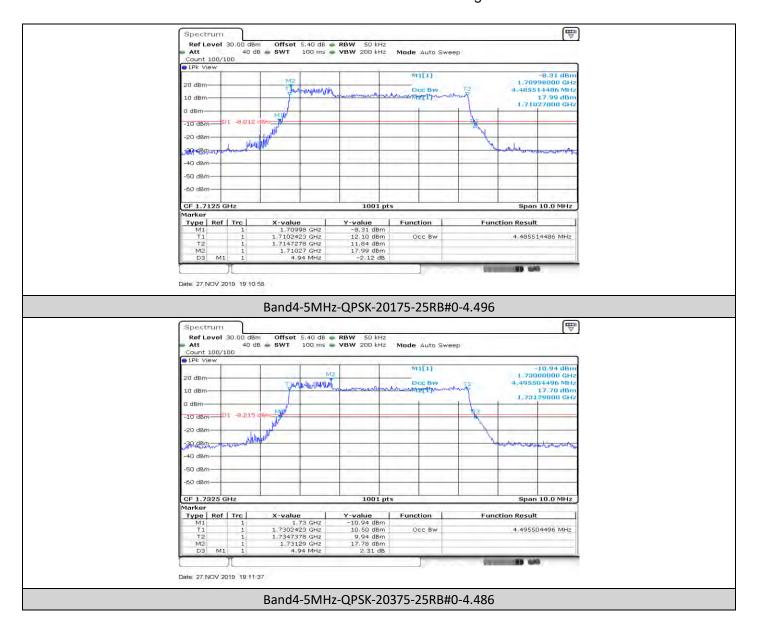
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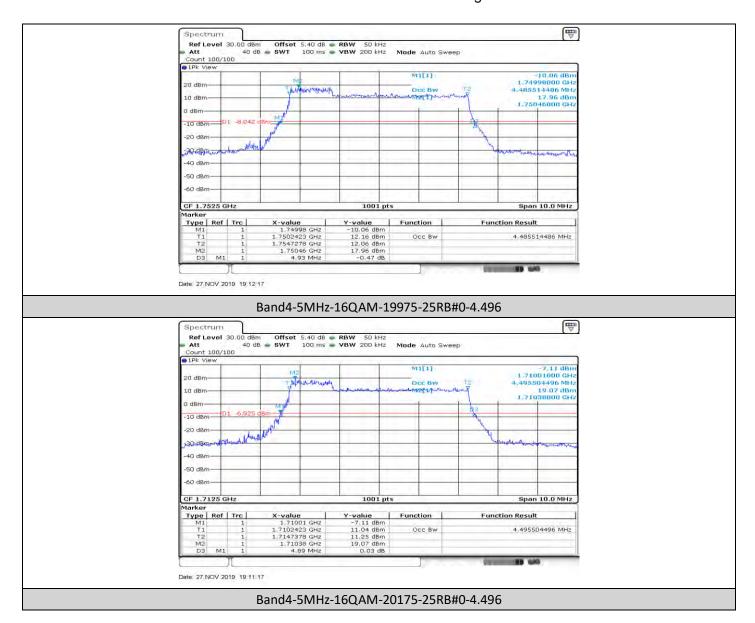
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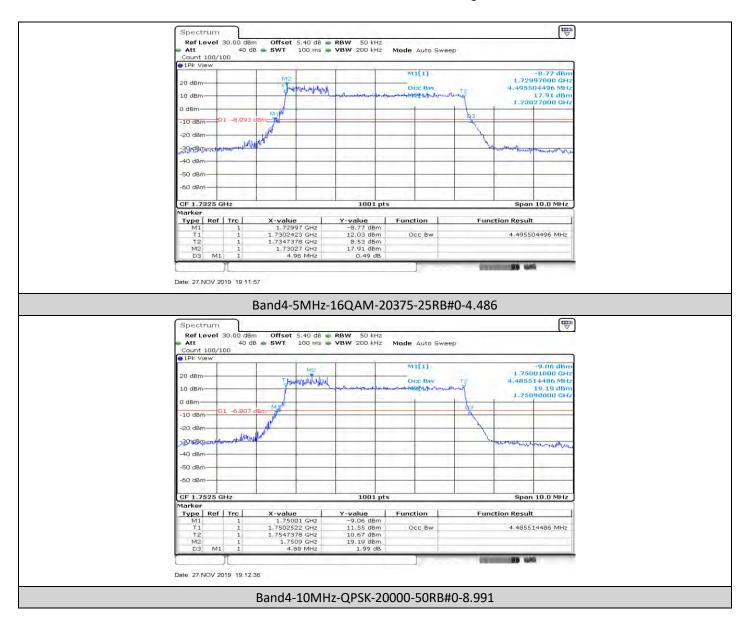
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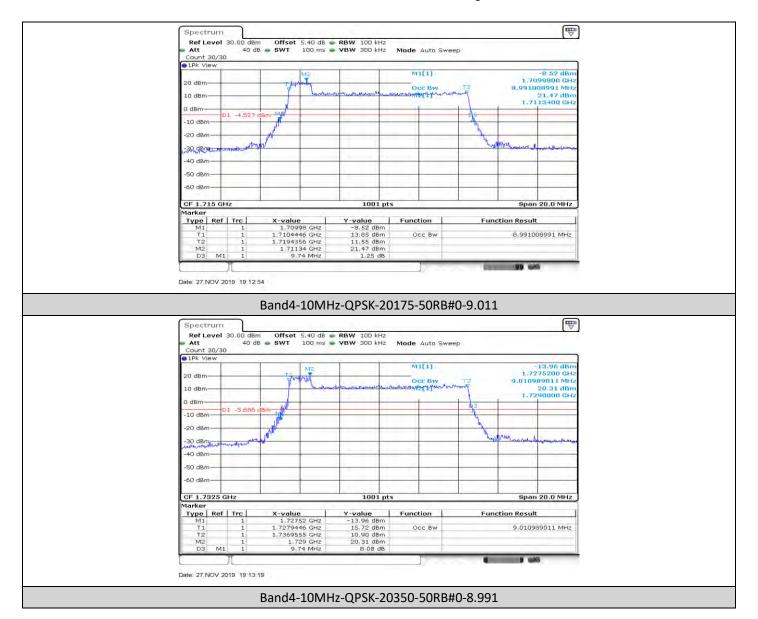
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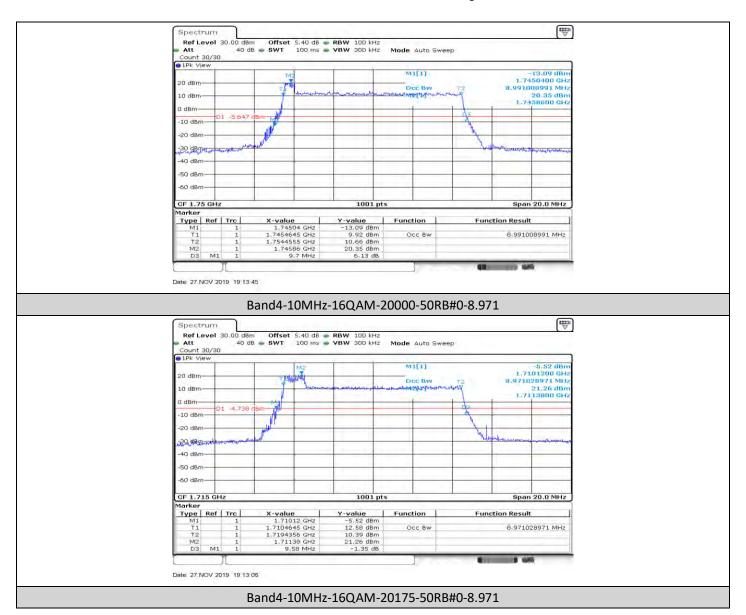
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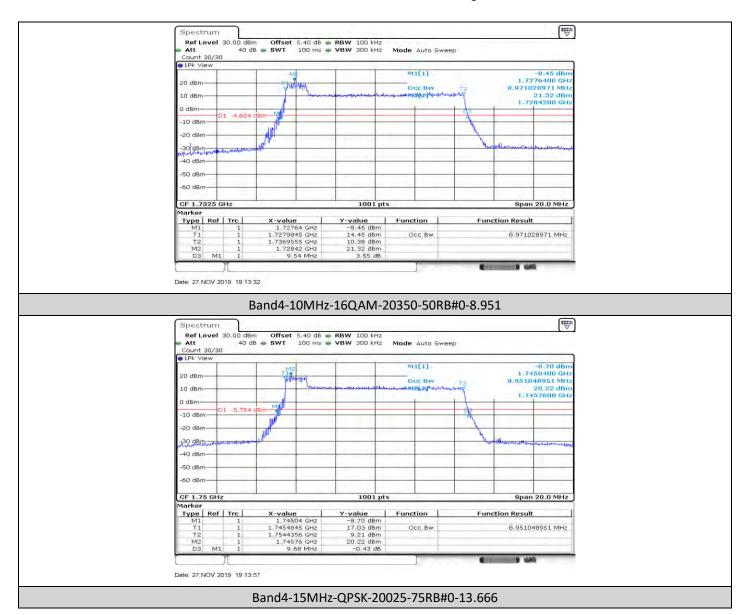






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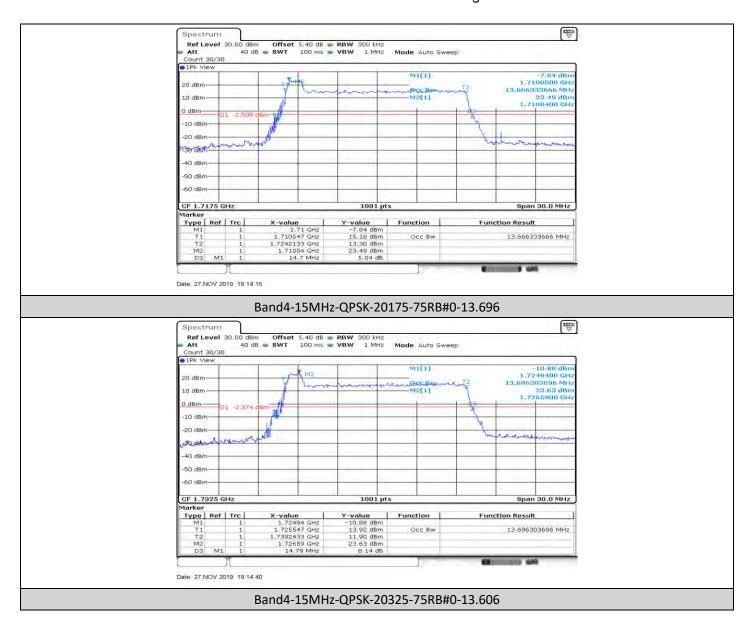
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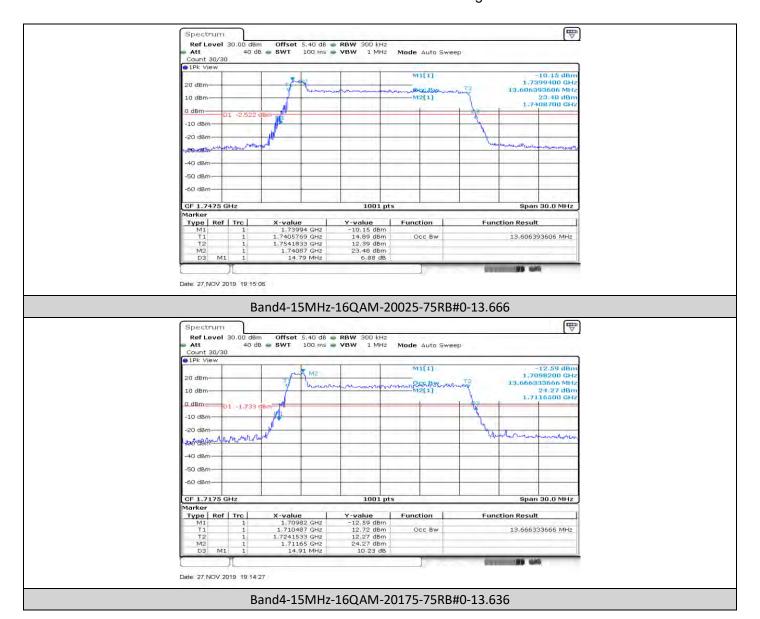
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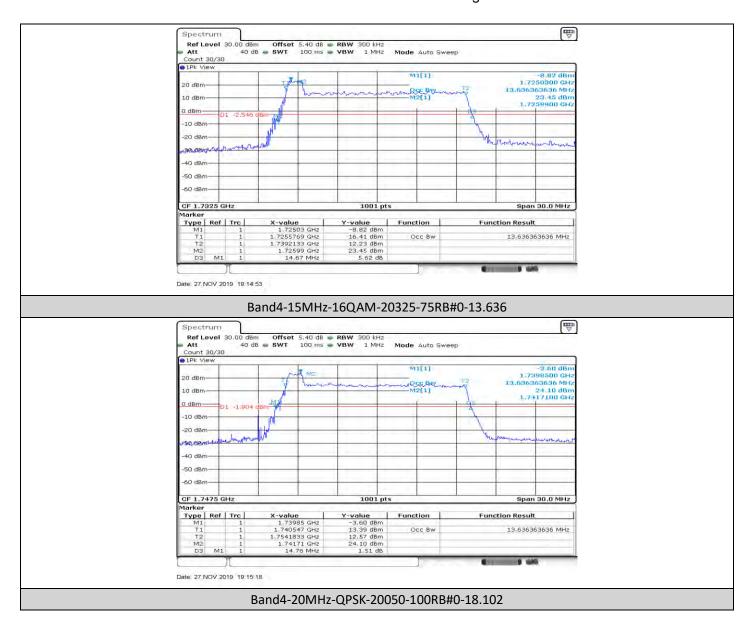
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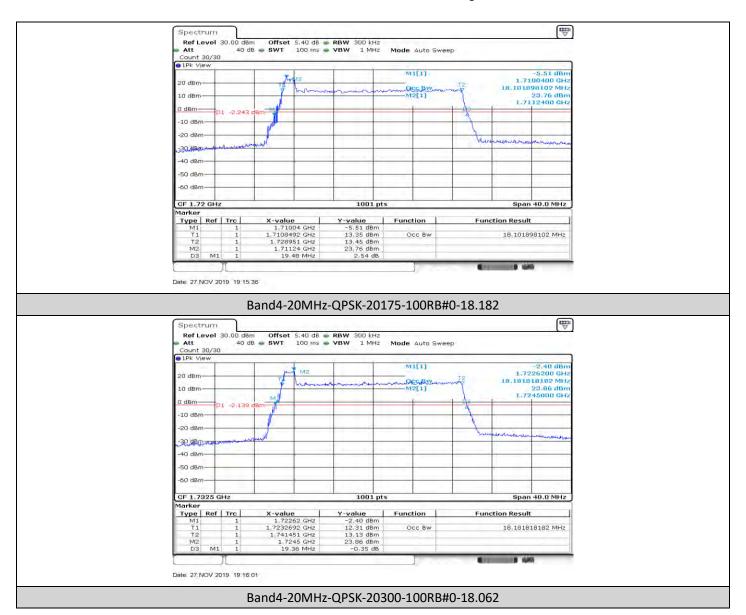
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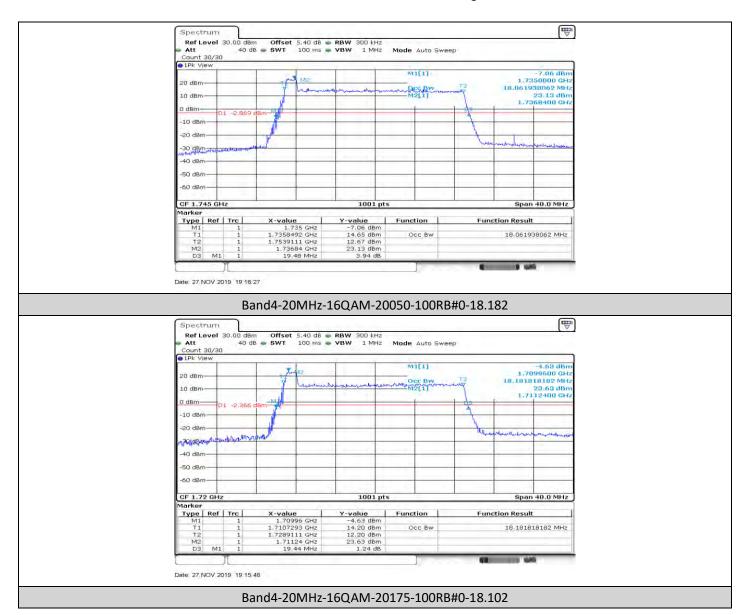
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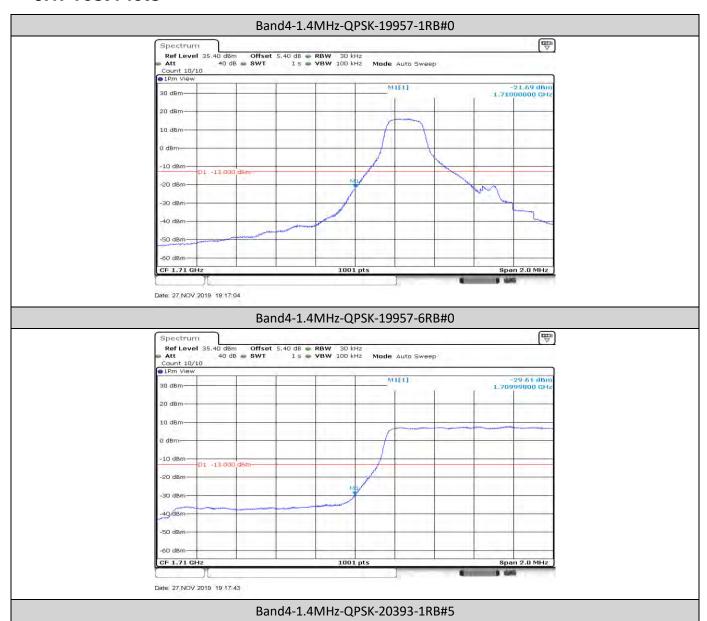
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5. Band Edge Compliance

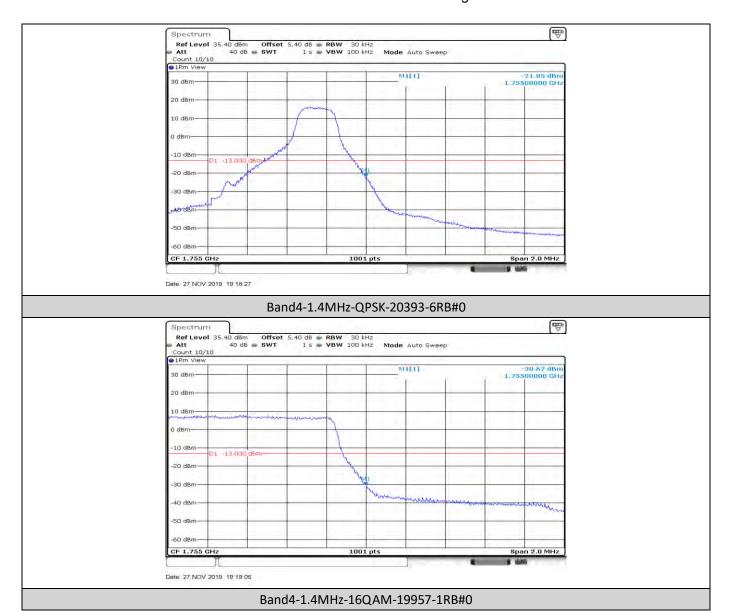
5.1. Test Plots





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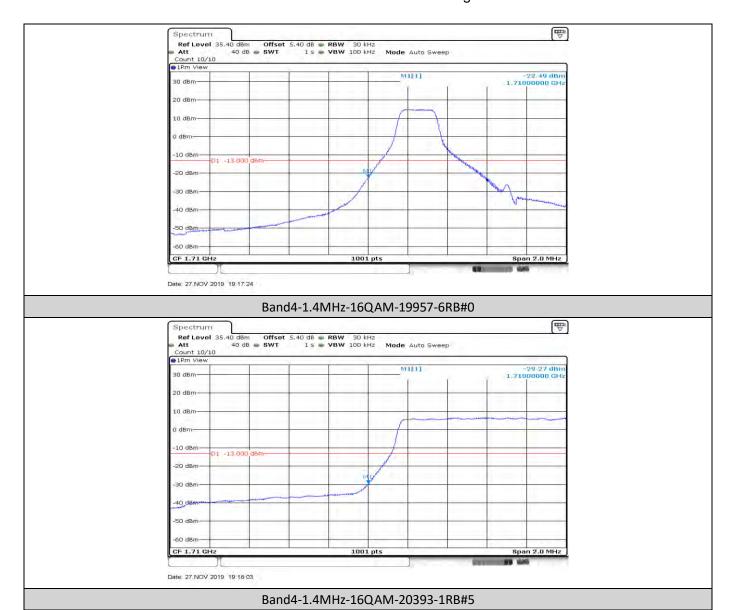
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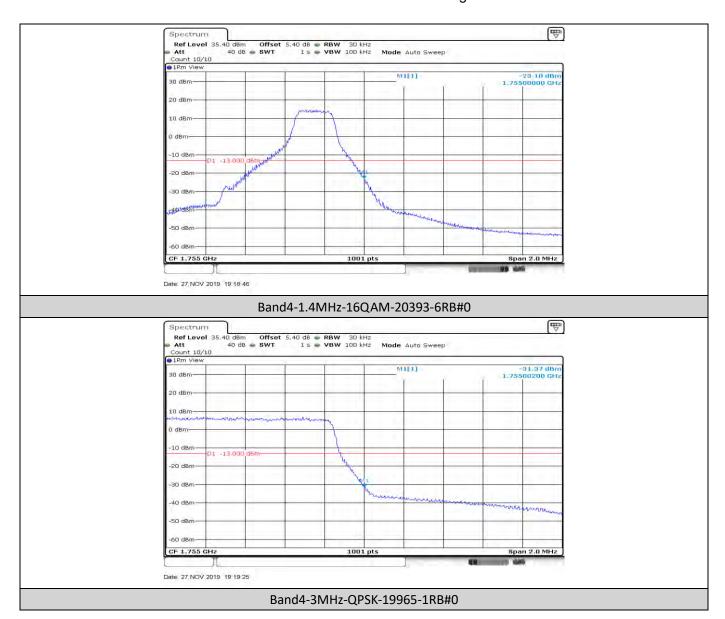
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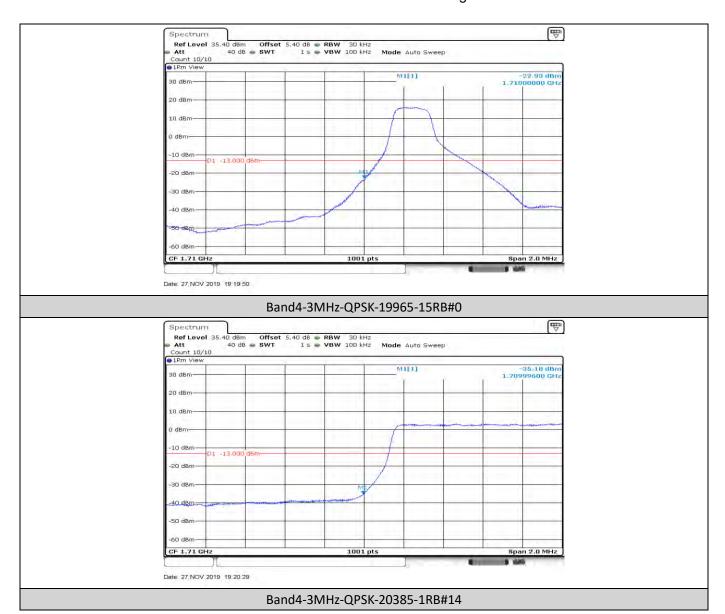
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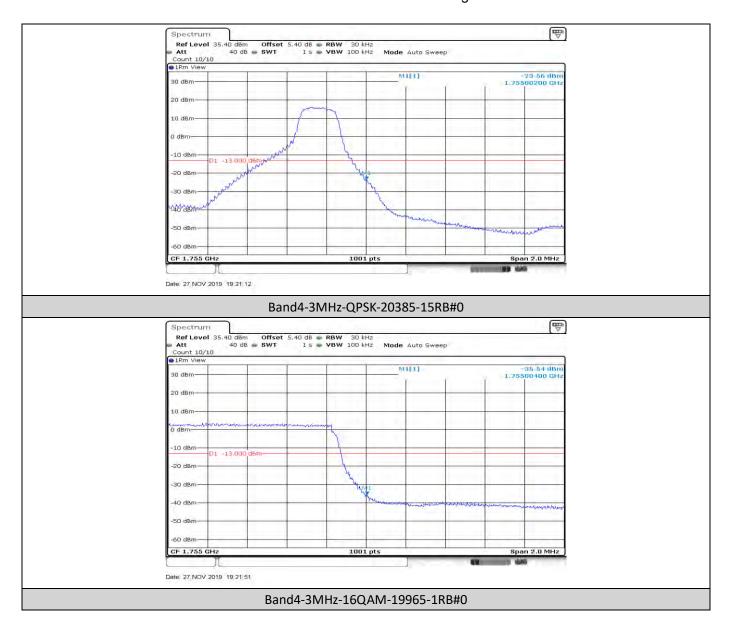
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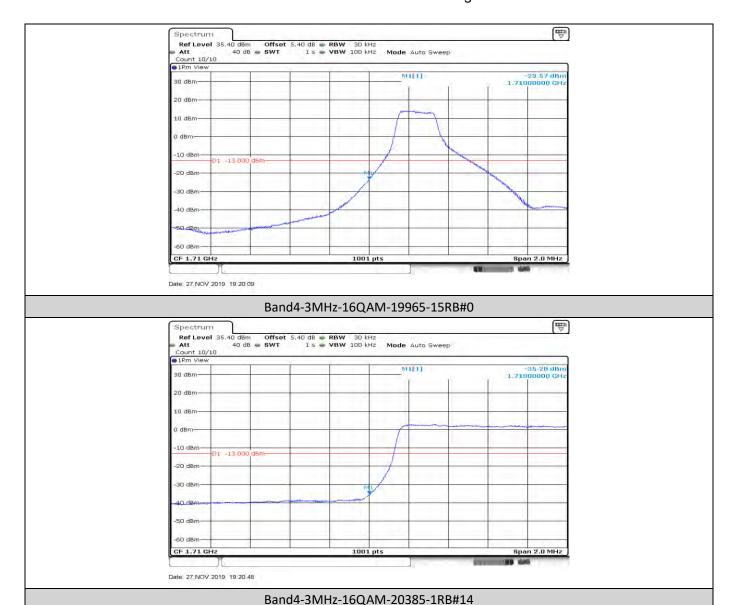
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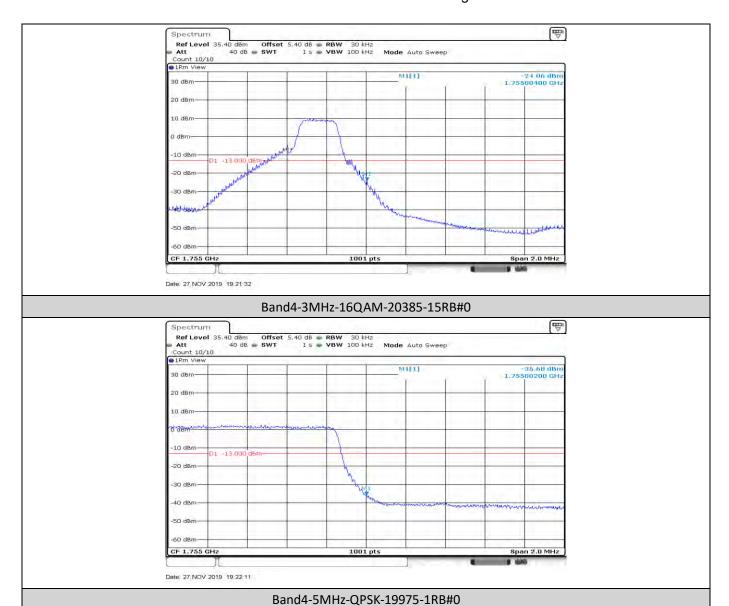
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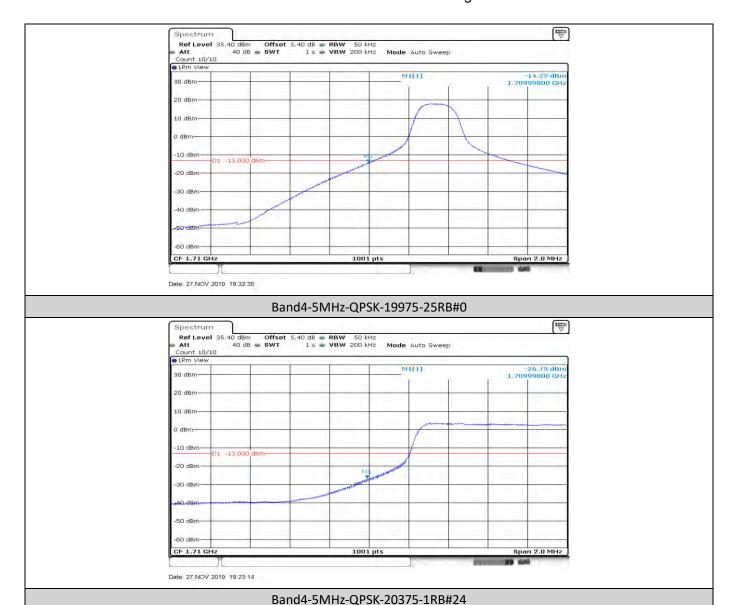
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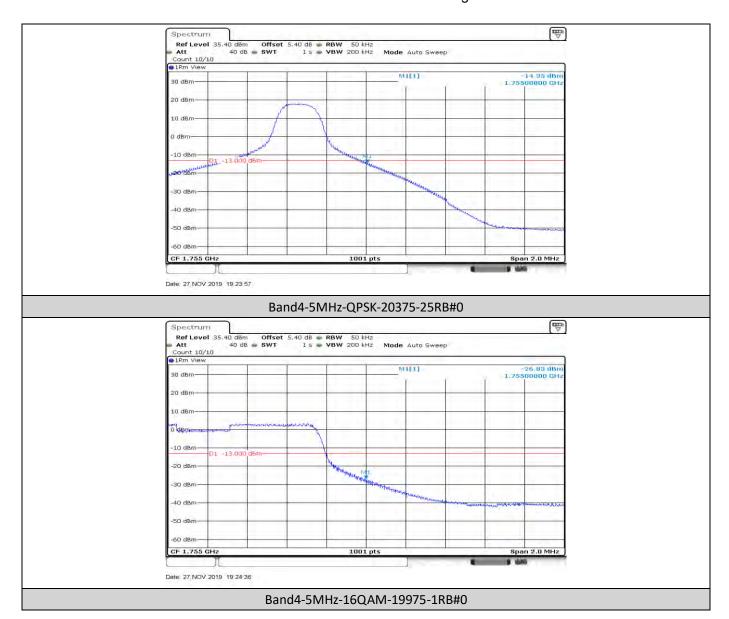
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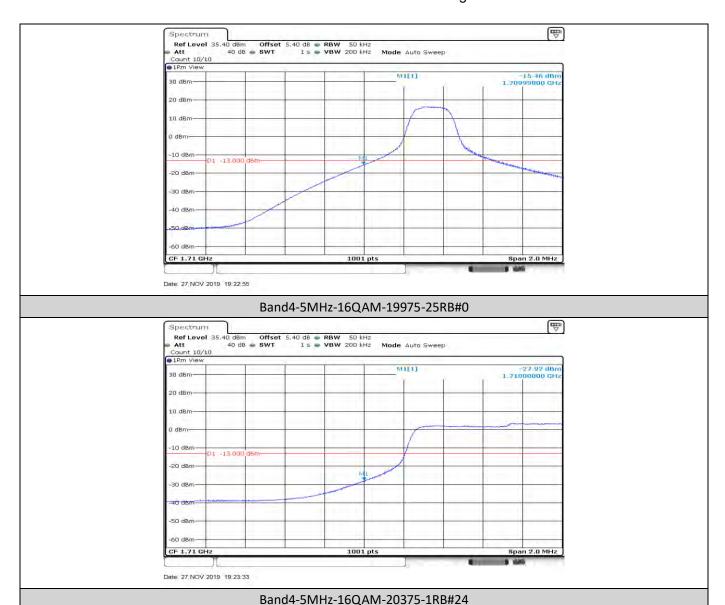
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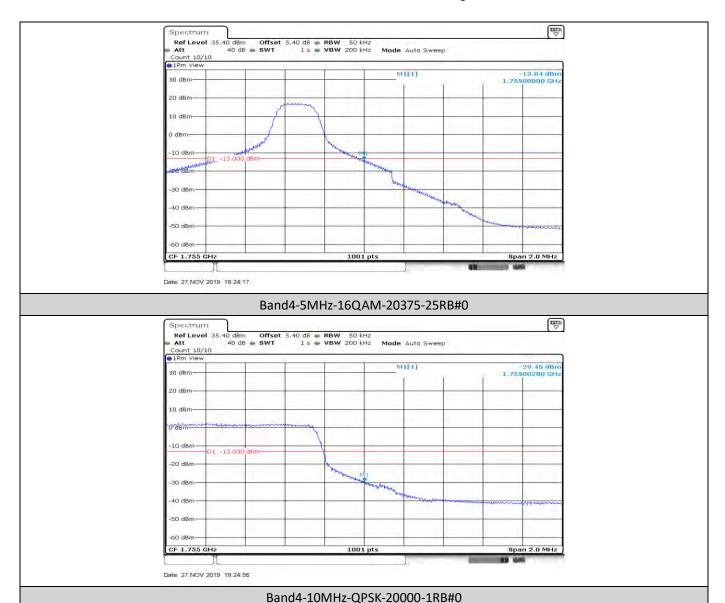






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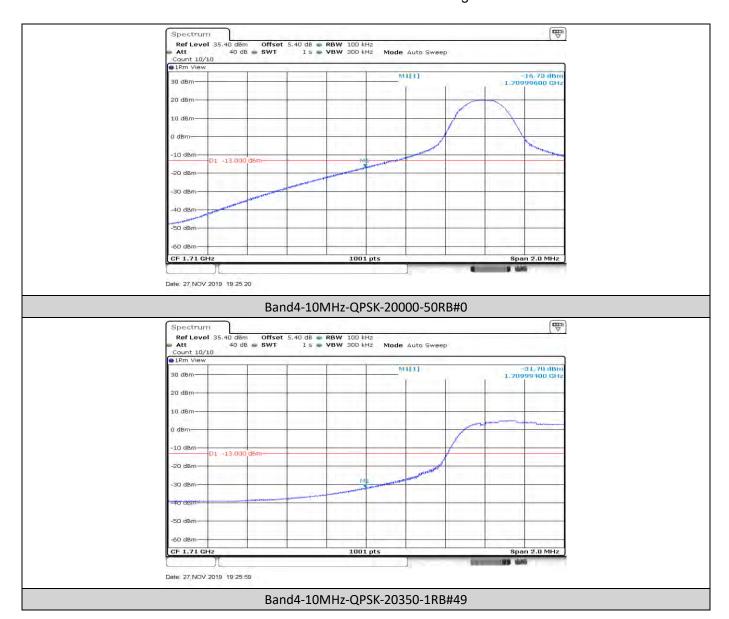
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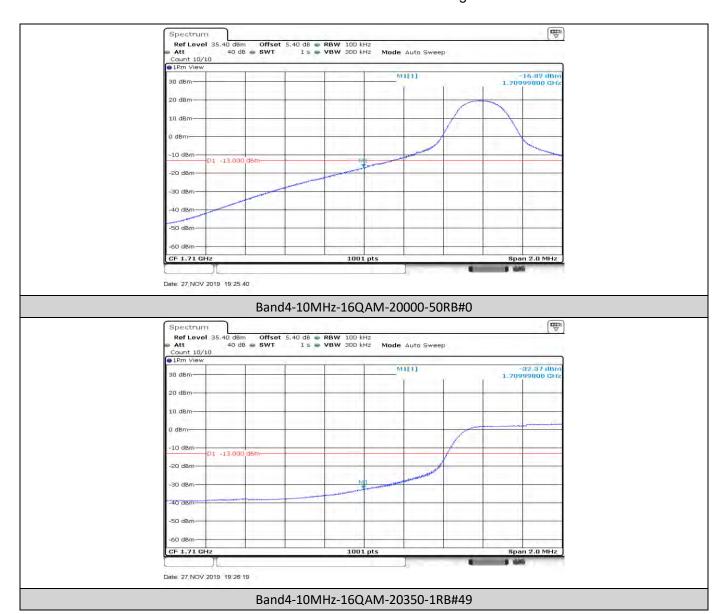
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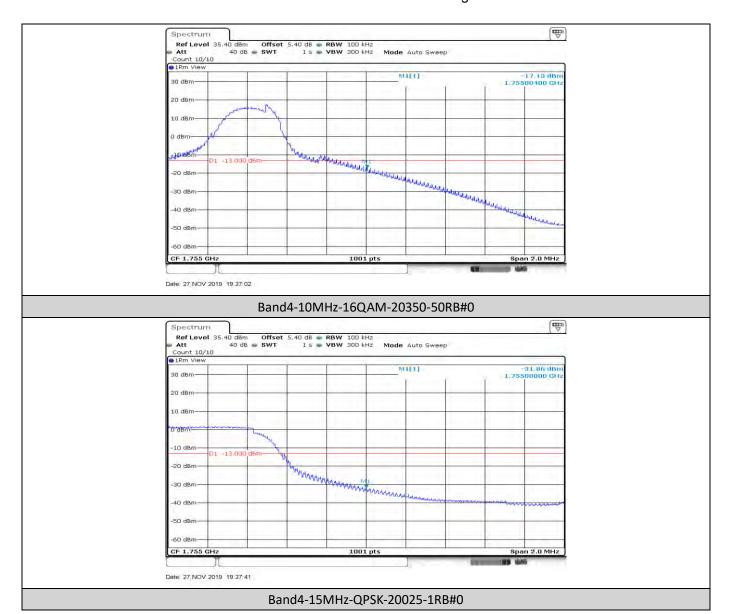
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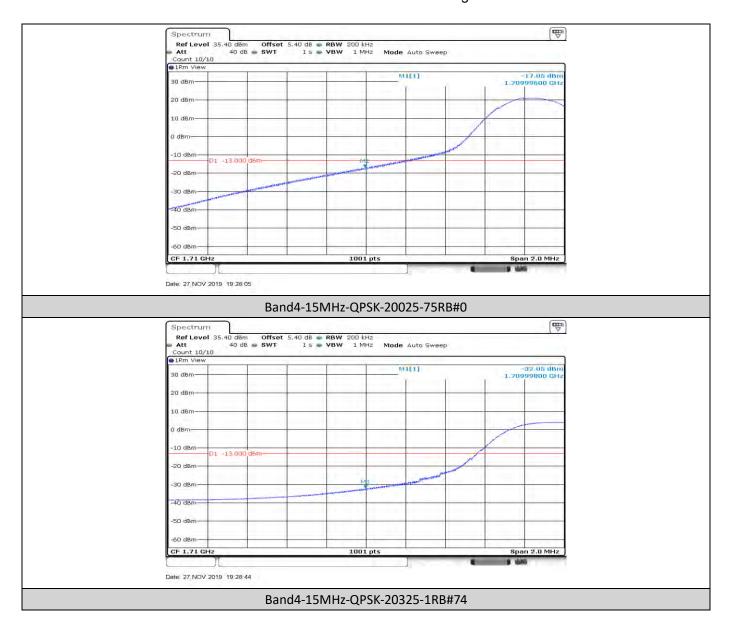
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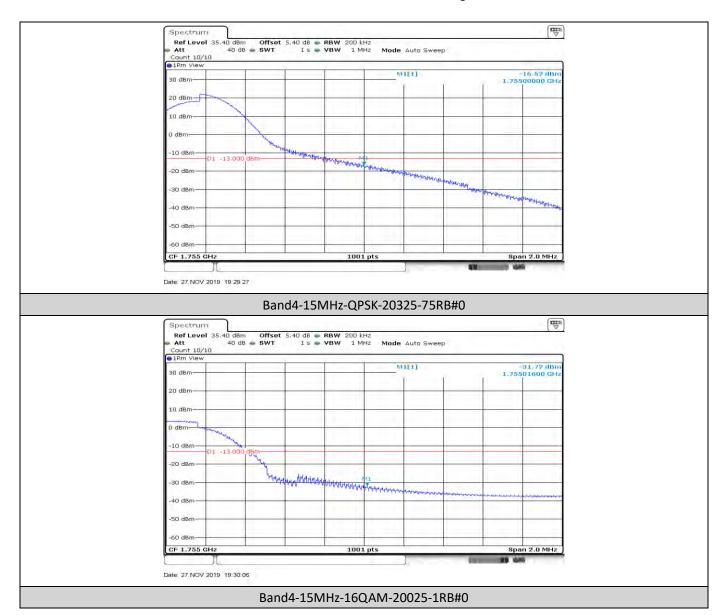






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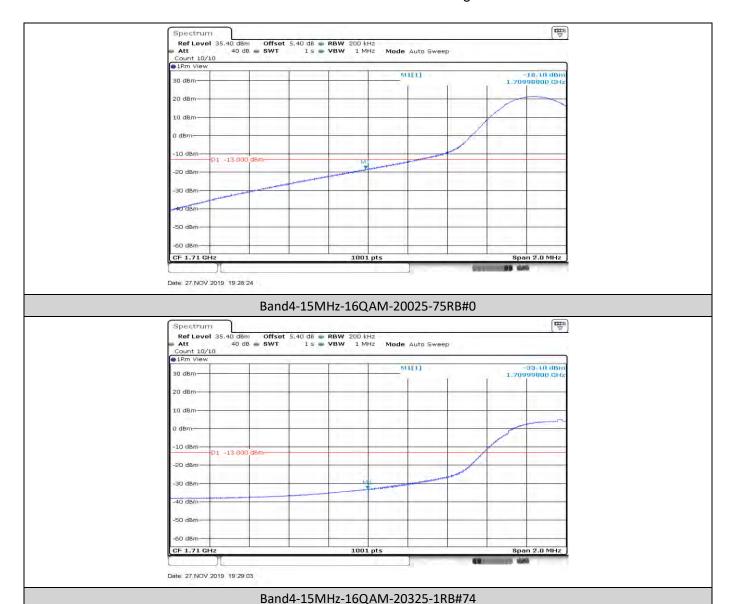
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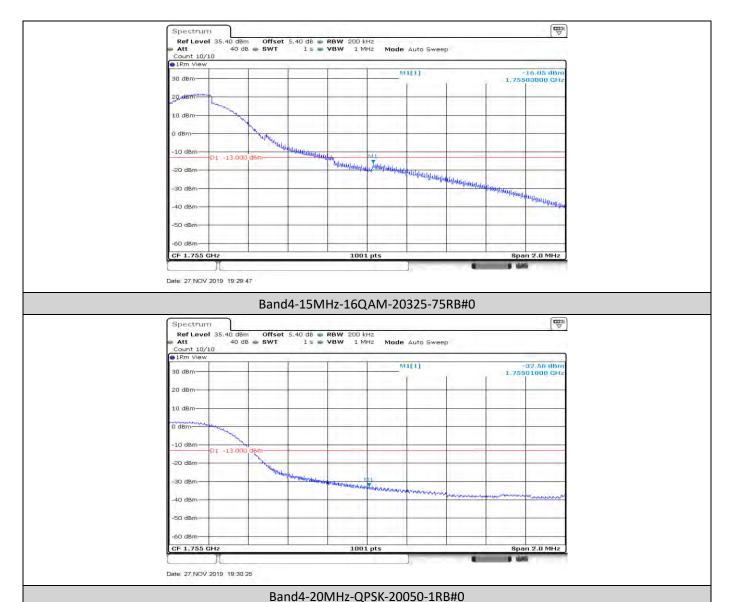






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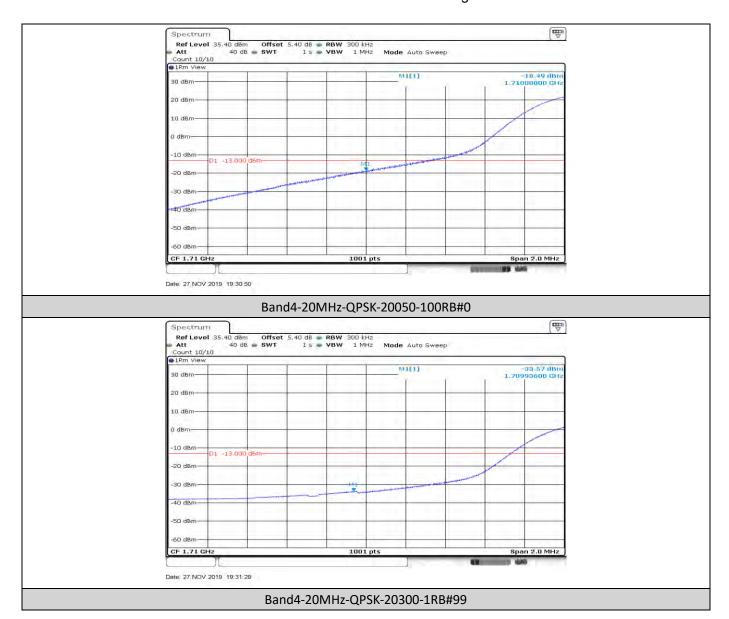
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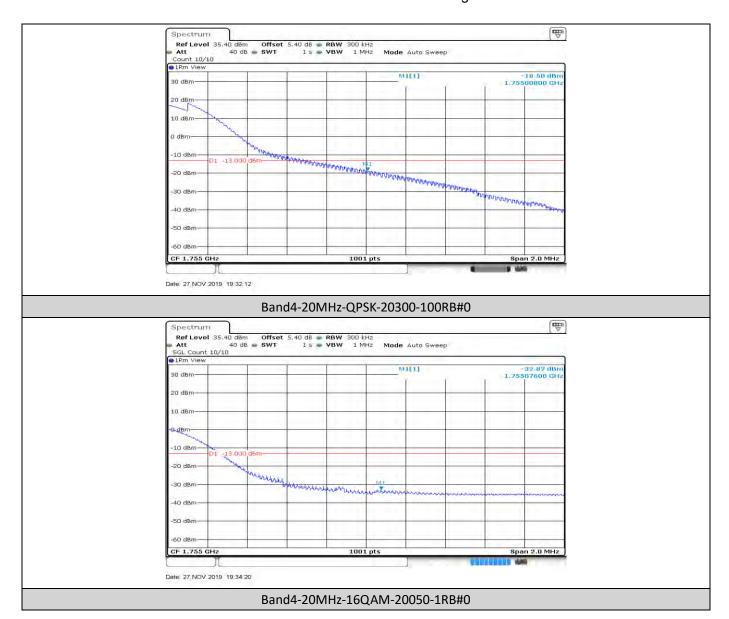
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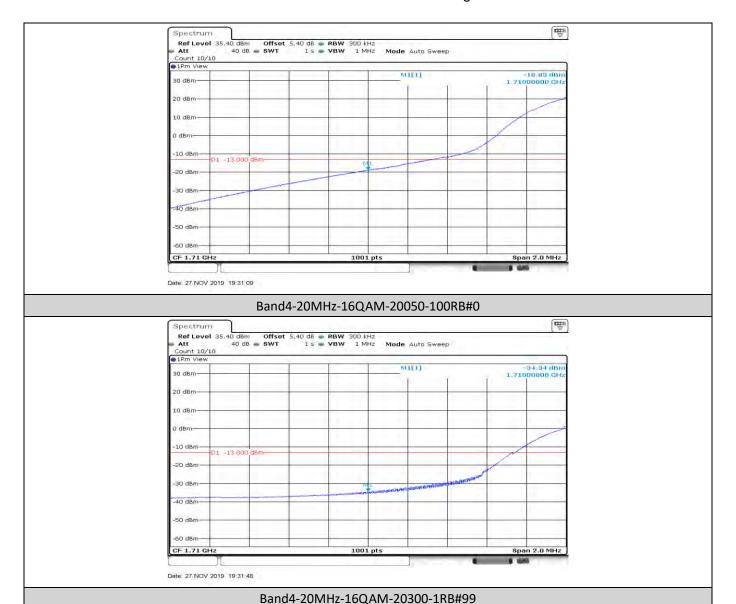
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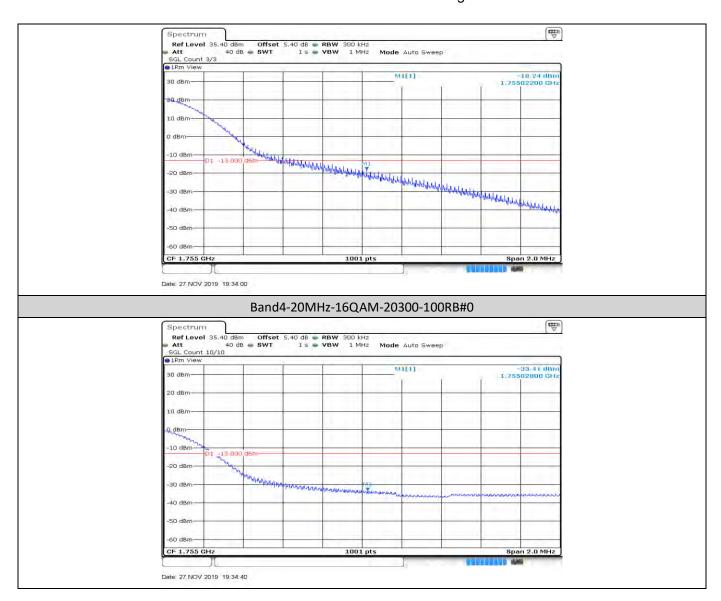






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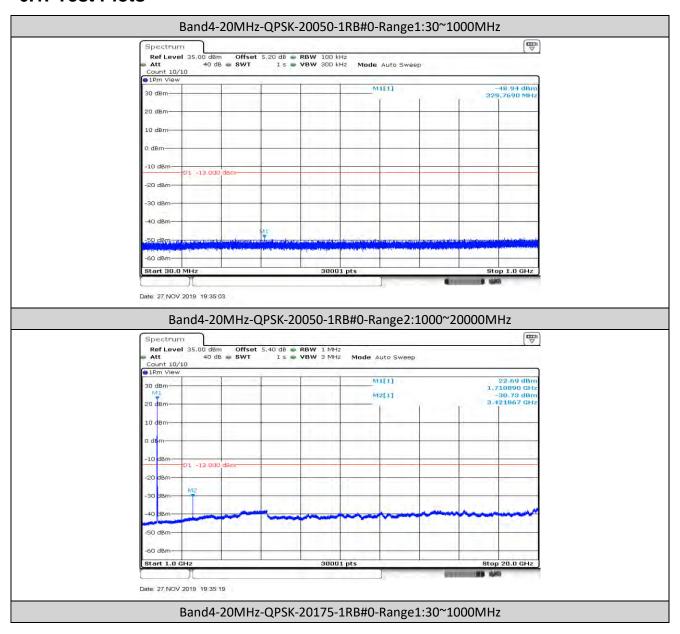
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6. Spurious Emission at Antenna Terminal

Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of < RBW/2 so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = k * (Span / RBW)" with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Remark2: only the worst case data displayed in this report.

6.1. Test Plots





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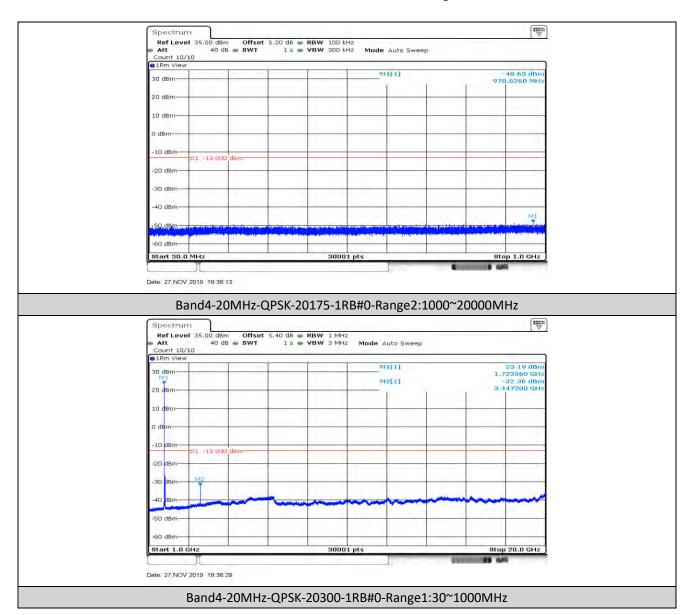
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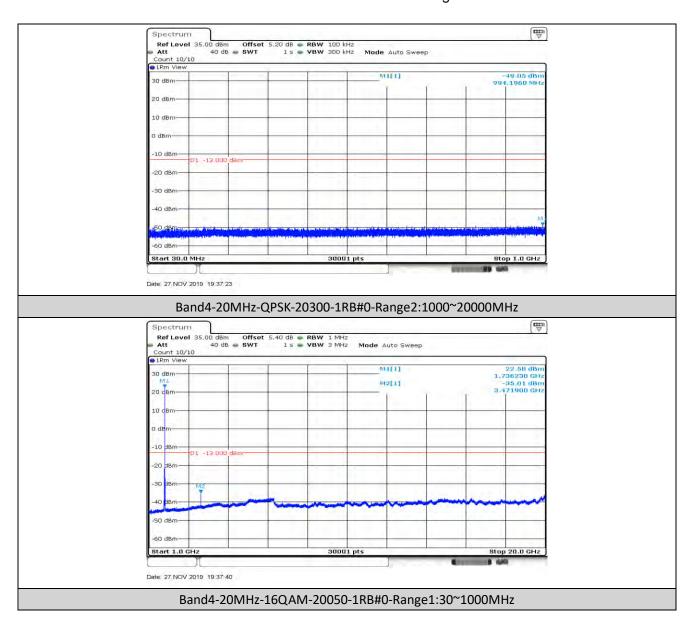






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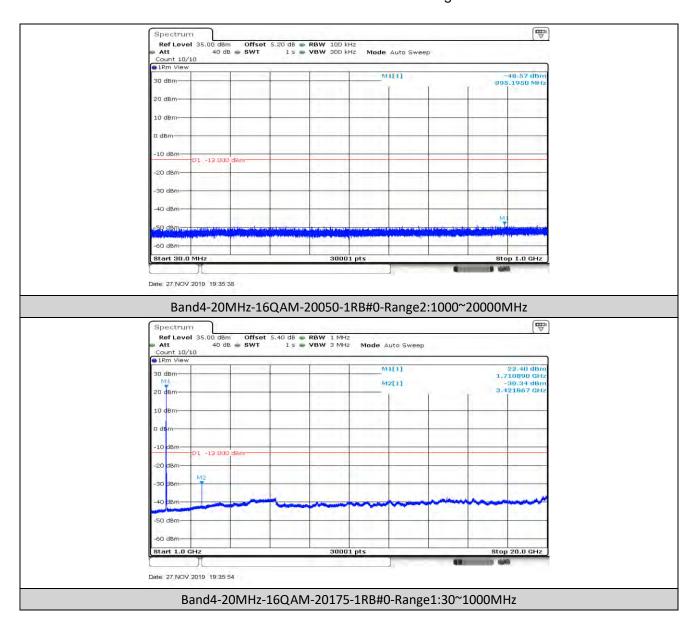






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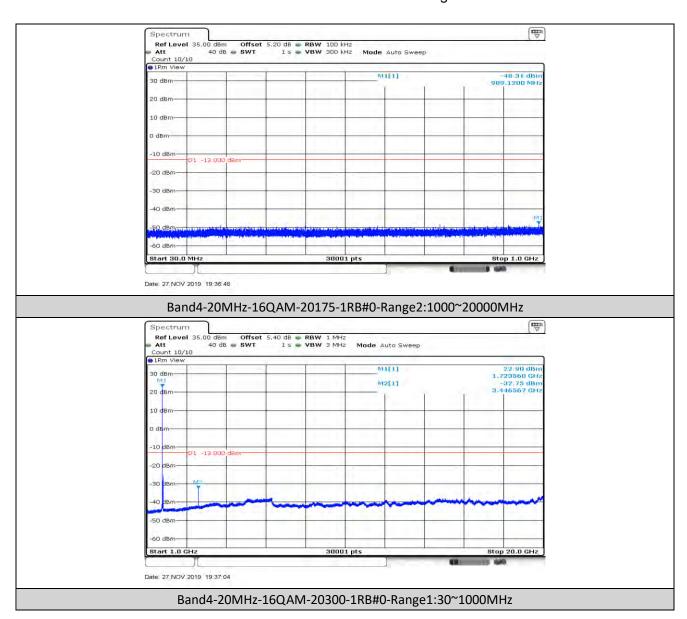






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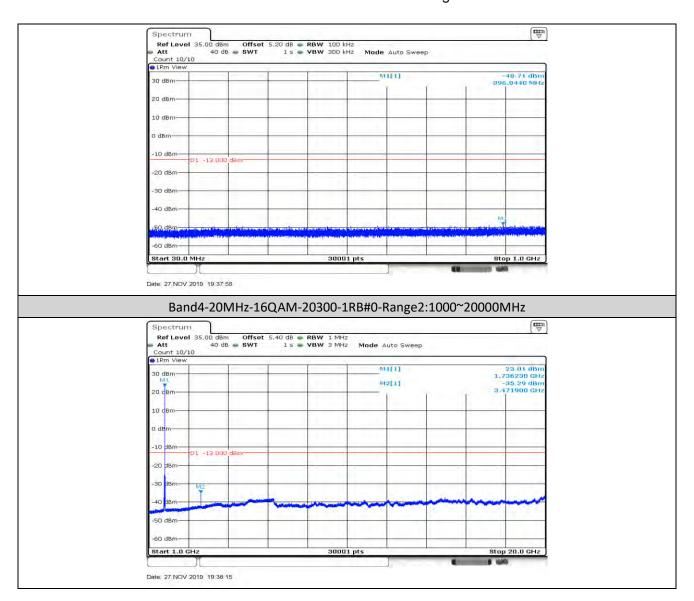
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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 (Main Ant)

7.1.1.Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization	
106.9733	-64.85	-13.00	51.85	Vertical	
754.3837	-62.74	-13.00	49.74	Vertical	
2703.5407	-36.54	-13.00	23.54	Vertical	
7358.6453	-52.67	-13.00	39.67	Vertical	
14469.8823	-42.17	-13.00	29.17	Vertical	
17991.9997	-33.92	-13.00	20.92	Vertical	
39.5065	-63.57	-13.00	50.57	Horizontal	
229.5390	-69.30 -13.00		56.30	Horizontal	
2701.9404	-35.20	-13.00	22.20	Horizontal	
9306.2102	-48.11	-13.00	35.11	Horizontal	
16380.9460	-37.96	-13.00	24.96	Horizontal	
17995.4999	-38.33	-13.00	25.33	Horizontal	

7.1.2.Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization	
110.0290	-64.84	-13.00	51.84	Vertical	
866.3273	-60.86	-13.00	47.86	Vertical	
2700.3401	-36.46	-13.00	23.46	Vertical	
7369.1456	-52.55	-13.00	39.55	Vertical	
14507.8836	-42.52	-13.00	29.52	Vertical	
17989.9997	-33.60	-13.00	20.60	Vertical	
45.2783	-65.02	-13.00	52.02	Horizontal	
748.0784	-62.25	-13.00	49.25	Horizontal	
2701.1402	-35.17	-13.00	22.17	Horizontal	
7425.1475	-53.44	-13.00	40.44	Horizontal	
16397.9466	-38.05	-13.00	25.05	Horizontal	
17995.9999	-38.82	-13.00	25.82	Horizontal	



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7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization	
110.6595	-65.20	-13.00	52.20	Vertical	
2698.7397	-36.48	-13.00	23.48	Vertical	
7352.1451	-52.43	-13.00	39.43	Vertical	
14470.8824	-42.40	-13.00	29.40	Vertical	
17985.4995	-33.54	-13.00	20.54	Vertical	
42.9016	-64.19	-13.00	51.19	Horizontal	
238.4149	-68.53	-13.00	55.53	Horizontal	
2700.3401	-35.02	-13.00	22.02	Horizontal	
7377.1459	7377.1459 -52.85		39.85	Horizontal	
16390.4463	16390.4463 -38.20		25.20	Horizontal	
17981.9994	17981.9994 -38.67		25.67	Horizontal	

7.1. Test Mode =LTE/TM1 (Second Ant)

7.1.1.Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization	
109.8350	-64.69	-13.00	51.69	Vertical	
2701.5403	-36.69	-13.00	23.69	Vertical	
3422.0141	-48.09	-13.00	35.09	Vertical	
5133.5711	-55.53	-13.00	42.53	Vertical	
14515.3838	-42.65	-13.00	29.65	Vertical	
17993.9998	-34.22	-13.00	21.22	Vertical	
39.6520	-63.14	-13.00	50.14	Horizontal	
2701.1402	-35.38	-35.38 -13.00		Horizontal	
3422.0141	-38.81	-13.00	25.81	Horizontal	
9308.7103	-48.66	-13.00	35.66	Horizontal	
16405.9469	-38.50	-13.00	25.50	Horizontal	
17999.0000	-39.34	-13.00	26.34	Horizontal	

7.1.2.Test Channel = MCH

Frequency (MHz)	Level (dBm)	Level (dBm) Limit Line (dBm)		Polarization	
108.9134	-64.62	-13.00	51.62	Vertical	
2698.7397	-36.63	-13.00	23.63	Vertical	
3447.5149	-51.30	-13.00	38.30	Vertical	
7358.6453	-52.74	-13.00	39.74	Vertical	



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14500.8834	-42.48	-13.00	29.48	Vertical	
17995.9999	-34.06	-13.00	21.06	Vertical	
41.2526	526 -64.76 -13.00		51.76	Horizontal	
2699.1398	-35.45	-13.00	22.45	Horizontal	
3447.0149	-43.13	-13.00	30.13	Horizontal	
9310.2103	-49.04	-13.00	36.04	Horizontal	
16394.4465	-38.71	-13.00	25.71	Horizontal	
17997.9999	97.9999 -38.61 -13.00		25.61	Horizontal	

7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization	
117.2074	-65.21	-13.00	52.21	Vertical	
2723.5447	-37.09	-13.00	24.09	Vertical	
3472.0157	-54.69	-13.00	41.69	Vertical	
7437.1479	-52.84	-13.00	39.84	Vertical	
14507.8836	-42.42	-13.00	29.42	Vertical	
17988.9996	-34.22	-13.00	21.22	Vertical	
44.4052	-64.03	-13.00	51.03	Horizontal	
2699.5399	-35.25	-35.25 -13.00		Horizontal	
3472.0157	-46.28	-13.00	33.28	Horizontal	
9310.7104	-48.77	-13.00	35.77	Horizontal	
16399.4466	-38.18	-13.00	25.18	Horizontal	
17997.4999	-38.18	-13.00	25.18	Horizontal	

Remark:

- According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.
- 3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.



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8. Frequency Stability

8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temper ature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	VL	NT	7.50	0.004360	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	-10.40	-0.006047	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	-13.60	-0.007907	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	-13.70	-0.007908	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	1.20	0.000693	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	-5.30	-0.003059	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	-8.70	-0.004986	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	4.30	0.002464	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	5.60	0.003209	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VL	NT	-8.90	-0.005174	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VN	NT	-4.30	-0.002500	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VH	NT	-12.50	-0.007267	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VL	NT	-6.50	-0.003752	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VN	NT	1.90	0.001097	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VH	NT	3.90	0.002251	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VL	NT	-10.30	-0.005903	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VN	NT	0.80	0.000458	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VH	NT	-12.20	-0.006991	±2.5	PASS

8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temper ature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	NV	-30	-15.00	-0.008721	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	8.30	0.004826	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	-42.70	-0.024826	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	12.50	0.007267	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	-8.30	-0.004826	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	30	-16.00	-0.009302	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	40	12.10	0.007035	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	50	-11.30	-0.006570	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	2.10	0.001212	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	1.80	0.001039	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	10.70	0.006176	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	5.80	0.003348	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	-9.20	-0.005310	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	-15.20	-0.008773	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	-6.90	-0.003983	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	-0.30	-0.000173	±2.5	PASS



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Band4	20MHz	QPSK	20300	100RB#0	NV	-30	-14.70	-0.008424	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	-2.40	-0.001375	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	-2.90	-0.001662	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	-16.70	-0.009570	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	20	4.40	0.002521	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	30	-7.60	-0.004355	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	40	-14.20	-0.008138	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	50	1.30	0.000745	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-30	12.80	0.007442	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-20	-7.60	-0.004419	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	0	7.50	0.004360	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	10	-7.10	-0.004128	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	20	12.80	0.007442	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	30	-9.80	-0.005698	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	40	-5.00	-0.002907	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	50	2.20	0.001279	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-30	4.20	0.002424	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-20	-20.20	-0.011659	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	0	-20.10	-0.011602	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	10	1.50	0.000866	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	-19.50	-0.011255	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	30	5.90	0.003405	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	40	-7.50	-0.004329	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	50	-5.50	-0.003175	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-30	-13.00	-0.007450	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-20	-18.80	-0.010774	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	0	6.80	0.003897	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	10	-6.80	-0.003897	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	20	10.70	0.006132	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	30	2.50	0.001433	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	40	4.80	0.002751	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	50	14.40	0.008252	±2.5	PASS



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