

## Appendix A: Effective (Isotropic) Radiated Power Output Data

### Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.33	23.83	PASS
		1	3	23.46	23.96	PASS
		1	5	23.34	23.84	PASS
		3	0	23.38	23.88	PASS
		3	2	23.36	23.86	PASS
		3	3	23.40	23.90	PASS
		6	0	22.39	22.89	PASS
	MCH	1	0	23.29	23.79	PASS
		1	3	23.37	23.87	PASS
		1	5	23.28	23.78	PASS
		3	0	23.29	23.79	PASS
		3	2	23.27	23.77	PASS
		3	3	23.31	23.81	PASS
		6	0	22.39	22.89	PASS
	HCH	1	0	23.16	23.66	PASS
		1	3	23.21	23.71	PASS
		1	5	23.08	23.58	PASS
		3	0	23.22	23.72	PASS
		3	2	23.22	23.72	PASS
		3	3	23.26	23.76	PASS
		6	0	22.26	22.76	PASS
16QAM	LCH	1	0	22.24	22.74	PASS
		1	3	22.35	22.85	PASS
		1	5	22.19	22.69	PASS
		3	0	22.20	22.70	PASS
		3	2	22.19	22.69	PASS
		3	3	22.18	22.68	PASS
		6	0	21.37	21.87	PASS
	MCH	1	0	22.32	22.82	PASS
		1	3	22.44	22.94	PASS
		1	5	22.30	22.80	PASS
		3	0	22.15	22.65	PASS
		3	2	22.14	22.64	PASS

		3	3	22.15	22.65	PASS
		6	0	21.20	21.70	PASS
	HCH	1	0	21.80	22.30	PASS
		1	3	22.11	22.61	PASS
		1	5	21.75	22.25	PASS
		3	0	22.05	22.55	PASS
		3	2	22.06	22.56	PASS
		3	3	22.03	22.53	PASS
		6	0	21.24	21.74	PASS

## Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.33	23.83	PASS
		1	7	23.31	23.81	PASS
		1	14	23.28	23.78	PASS
		8	0	22.39	22.89	PASS
		8	4	22.37	22.87	PASS
		8	7	22.34	22.84	PASS
		15	0	22.34	22.84	PASS
	MCH	1	0	23.31	23.81	PASS
		1	7	23.38	23.88	PASS
		1	14	23.34	23.84	PASS
		8	0	22.38	22.88	PASS
		8	4	22.36	22.86	PASS
		8	7	22.38	22.88	PASS
		15	0	22.30	22.80	PASS
	HCH	1	0	23.28	23.78	PASS
		1	7	23.25	23.75	PASS
		1	14	23.22	23.72	PASS
		8	0	22.31	22.81	PASS
		8	4	22.35	22.85	PASS
		8	7	22.27	22.77	PASS
		15	0	22.25	22.75	PASS
16QAM	LCH	1	0	22.50	23.00	PASS
		1	7	22.49	22.99	PASS
		1	14	22.42	22.92	PASS
		8	0	21.43	21.93	PASS
		8	4	21.46	21.96	PASS
		8	7	21.44	21.94	PASS

	MCH	15	0	21.41	21.91	PASS
		1	0	22.46	22.96	PASS
		1	7	22.35	22.85	PASS
		1	14	22.37	22.87	PASS
		8	0	21.38	21.88	PASS
		8	4	21.35	21.85	PASS
		8	7	21.36	21.86	PASS
		15	0	21.26	21.76	PASS
	HCH	1	0	22.13	22.63	PASS
		1	7	22.15	22.65	PASS
		1	14	22.14	22.64	PASS
		8	0	21.36	21.86	PASS
		8	4	21.35	21.85	PASS
		8	7	21.28	21.78	PASS
		15	0	21.21	21.71	PASS

## Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.31	23.81	PASS
		1	12	23.47	23.97	PASS
		1	24	23.29	23.79	PASS
		12	0	22.37	22.87	PASS
		12	6	22.39	22.89	PASS
		12	13	22.30	22.80	PASS
		25	0	22.37	22.87	PASS
	MCH	1	0	23.28	23.78	PASS
		1	12	23.42	23.92	PASS
		1	24	23.29	23.79	PASS
		12	0	22.28	22.78	PASS
		12	6	22.28	22.78	PASS
		12	13	22.33	22.83	PASS
		25	0	22.30	22.80	PASS
	HCH	1	0	23.25	23.75	PASS
		1	12	23.38	23.88	PASS
		1	24	23.19	23.69	PASS
		12	0	22.33	22.83	PASS
		12	6	22.29	22.79	PASS
		12	13	22.24	22.74	PASS
		25	0	22.27	22.77	PASS

16QAM	LCH	1	0	22.32	22.82	PASS
		1	12	22.45	22.95	PASS
		1	24	22.28	22.78	PASS
		12	0	21.42	21.92	PASS
		12	6	21.41	21.91	PASS
		12	13	21.30	21.8	PASS
		25	0	21.41	21.91	PASS
	MCH	1	0	22.41	22.91	PASS
		1	12	22.56	23.06	PASS
		1	24	22.40	22.9	PASS
		12	0	21.32	21.82	PASS
		12	6	21.29	21.79	PASS
		12	13	21.39	21.89	PASS
		25	0	21.31	21.81	PASS
	HCH	1	0	22.23	22.73	PASS
		1	12	22.37	22.87	PASS
		1	24	22.19	22.69	PASS
		12	0	21.32	21.82	PASS
		12	6	21.37	21.87	PASS
		12	13	21.27	21.77	PASS
		25	0	21.33	21.83	PASS

**Channel Bandwidth: 10 MHz**

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.33	23.83	PASS
		1	24	23.46	23.96	PASS
		1	49	23.30	23.80	PASS
		25	0	22.42	22.92	PASS
		25	12	22.43	22.93	PASS
		25	25	22.36	22.86	PASS
		50	0	22.39	22.89	PASS
	MCH	1	0	23.31	23.81	PASS
		1	24	23.38	23.88	PASS
		1	49	23.32	23.82	PASS
		25	0	22.31	22.81	PASS
		25	12	22.32	22.82	PASS
		25	25	22.42	22.92	PASS
		50	0	22.31	22.81	PASS
	HCH	1	0	23.24	23.74	PASS

		1	24	23.41	23.91	PASS
		1	49	23.22	23.72	PASS
		25	0	22.36	22.86	PASS
		25	12	22.36	22.86	PASS
		25	25	22.24	22.74	PASS
		50	0	22.27	22.77	PASS
16QAM	LCH	1	0	22.51	23.01	PASS
		1	24	22.61	23.11	PASS
		1	49	22.48	22.98	PASS
		25	0	21.49	21.99	PASS
		25	12	21.49	21.99	PASS
		25	25	21.39	21.89	PASS
		50	0	21.43	21.93	PASS
	MCH	1	0	22.39	22.89	PASS
		1	24	22.51	23.01	PASS
		1	49	22.37	22.87	PASS
		25	0	21.38	21.88	PASS
		25	12	21.35	21.85	PASS
		25	25	21.44	21.94	PASS
		50	0	21.36	21.86	PASS
	HCH	1	0	22.10	22.60	PASS
		1	24	22.20	22.70	PASS
		1	49	22.14	22.64	PASS
		25	0	21.43	21.93	PASS
		25	12	21.43	21.93	PASS
		25	25	21.33	21.83	PASS
		50	0	21.34	21.84	PASS

## Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.22	23.72	PASS
		1	37	23.29	23.79	PASS
		1	74	23.15	23.65	PASS
		37	0	22.41	22.91	PASS
		37	18	22.44	22.94	PASS
		37	38	22.44	22.94	PASS
		75	0	22.45	22.95	PASS
	MCH	1	0	23.23	23.73	PASS
		1	37	23.39	23.89	PASS

		1	74	23.25	23.75	PASS
		37	0	22.46	22.96	PASS
		37	18	22.45	22.95	PASS
		37	38	22.48	22.98	PASS
		75	0	22.44	22.94	PASS
	HCH	1	0	23.19	23.69	PASS
		1	37	23.30	23.80	PASS
		1	74	23.11	23.61	PASS
		37	0	22.36	22.86	PASS
		37	18	22.36	22.86	PASS
		37	38	22.36	22.86	PASS
		75	0	22.38	22.88	PASS
16QAM	LCH	1	0	22.40	22.90	PASS
		1	37	22.45	22.95	PASS
		1	74	22.37	22.87	PASS
		37	0	22.44	22.94	PASS
		37	18	22.44	22.94	PASS
		37	38	22.42	22.92	PASS
		75	0	21.39	21.89	PASS
	MCH	1	0	22.49	22.99	PASS
		1	37	22.51	23.01	PASS
		1	74	22.40	22.90	PASS
		37	0	22.45	22.95	PASS
		37	18	22.44	22.94	PASS
		37	38	22.45	22.95	PASS
		75	0	21.40	21.90	PASS
	HCH	1	0	22.08	22.58	PASS
		1	37	22.19	22.69	PASS
		1	74	22.02	22.52	PASS
		37	0	22.36	22.86	PASS
		37	18	22.38	22.88	PASS
		37	38	22.35	22.85	PASS
		75	0	21.32	21.82	PASS

## Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.19	23.69	PASS
		1	49	23.53	24.03	PASS
		1	99	23.16	23.66	PASS

		50	0	22.38	22.88	PASS
		50	25	22.42	22.92	PASS
		50	50	22.26	22.76	PASS
		100	0	22.38	22.88	PASS
	MCH	1	0	23.13	23.63	PASS
		1	49	<b>23.55</b>	<b>24.05</b>	PASS
		1	99	23.11	23.61	PASS
		50	0	22.20	22.70	PASS
		50	25	22.24	22.74	PASS
		50	50	22.36	22.86	PASS
		100	0	22.32	22.82	PASS
	HCH	1	0	22.96	23.46	PASS
		1	49	23.25	23.75	PASS
		1	99	22.90	23.40	PASS
		50	0	22.16	22.66	PASS
		50	25	22.17	22.67	PASS
		50	50	22.17	22.67	PASS
		100	0	22.17	22.67	PASS
16QAM	LCH	1	0	22.15	22.65	PASS
		1	49	22.49	22.99	PASS
		1	99	22.12	22.62	PASS
		50	0	21.44	21.94	PASS
		50	25	21.46	21.96	PASS
		50	50	21.33	21.83	PASS
		100	0	21.39	21.89	PASS
	MCH	1	0	22.23	22.73	PASS
		1	49	22.52	23.02	PASS
		1	99	22.17	22.67	PASS
		50	0	21.24	21.74	PASS
		50	25	21.30	21.80	PASS
		50	50	21.42	21.92	PASS
		100	0	21.30	21.80	PASS
	HCH	1	0	22.01	22.51	PASS
		1	49	22.32	22.82	PASS
		1	99	21.96	22.46	PASS
		50	0	21.25	21.75	PASS
		50	25	21.21	21.71	PASS
		50	50	21.26	21.76	PASS
		100	0	21.15	21.65	PASS

## Appendix B: Peak-to-Average Ratio

### Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.53	<13	PASS
		1	3	4.37	<13	PASS
		1	5	4.55	<13	PASS
		3	0	4.31	<13	PASS
		3	2	4.28	<13	PASS
		3	3	4.33	<13	PASS
		6	0	4.85	<13	PASS
	MCH	1	0	3.63	<13	PASS
		1	3	3.48	<13	PASS
		1	5	3.58	<13	PASS
		3	0	3.48	<13	PASS
		3	2	3.51	<13	PASS
		3	3	3.45	<13	PASS
		6	0	4.33	<13	PASS
	HCH	1	0	4.26	<13	PASS
		1	3	4.17	<13	PASS
		1	5	4.21	<13	PASS
		3	0	4.08	<13	PASS
		3	2	4.12	<13	PASS
		3	3	4.11	<13	PASS
		6	0	4.7	<13	PASS
16QAM	LCH	1	0	5.43	<13	PASS
		1	3	5.43	<13	PASS
		1	5	5.39	<13	PASS
		3	0	5.09	<13	PASS
		3	2	5.1	<13	PASS
		3	3	5.13	<13	PASS
		6	0	5.6	<13	PASS
	MCH	1	0	4.46	<13	PASS
		1	3	4.37	<13	PASS
		1	5	4.44	<13	PASS



		3	0	4.44	<13	PASS
		3	2	4.43	<13	PASS
		3	3	4.47	<13	PASS
		6	0	5.14	<13	PASS
	HCH	1	0	5.28	<13	PASS
		1	3	5.09	<13	PASS
		1	5	5.2	<13	PASS
		3	0	5.07	<13	PASS
		3	2	5.09	<13	PASS
		3	3	5.06	<13	PASS
		6	0	5.54	<13	PASS

## Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.42	<13	PASS
		1	7	4.42	<13	PASS
		1	14	4.58	<13	PASS
		8	0	4.93	<13	PASS
		8	4	4.93	<13	PASS
		8	7	5.03	<13	PASS
		15	0	5.01	<13	PASS
	MCH	1	0	3.58	<13	PASS
		1	7	3.56	<13	PASS
		1	14	3.58	<13	PASS
		8	0	4.37	<13	PASS
		8	4	4.4	<13	PASS
		8	7	4.36	<13	PASS
		15	0	4.37	<13	PASS
	HCH	1	0	4.09	<13	PASS
		1	7	4.17	<13	PASS
		1	14	4.25	<13	PASS
		8	0	4.82	<13	PASS
		8	4	4.83	<13	PASS
		8	7	4.81	<13	PASS
		15	0	4.78	<13	PASS
16QAM	LCH	1	0	5.38	<13	PASS
		1	7	5.41	<13	PASS
		1	14	5.47	<13	PASS
		8	0	5.8	<13	PASS

		8	4	5.78	<13	PASS
		8	7	5.81	<13	PASS
		15	0	5.82	<13	PASS
	MCH	1	0	4.47	<13	PASS
		1	7	4.4	<13	PASS
		1	14	4.37	<13	PASS
		8	0	5.29	<13	PASS
		8	4	5.16	<13	PASS
		8	7	5.11	<13	PASS
		15	0	5.22	<13	PASS
	HCH	1	0	5.1	<13	PASS
		1	7	5.18	<13	PASS
		1	14	5.16	<13	PASS
		8	0	5.64	<13	PASS
		8	4	5.63	<13	PASS
		8	7	5.67	<13	PASS
		15	0	5.64	<13	PASS

## Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.68	<13	PASS
		1	12	4.73	<13	PASS
		1	24	4.8	<13	PASS
		12	0	4.96	<13	PASS
		12	6	4.91	<13	PASS
		12	13	5.01	<13	PASS
		25	0	5.08	<13	PASS
	MCH	1	0	3.86	<13	PASS
		1	12	3.64	<13	PASS
		1	24	3.67	<13	PASS
		12	0	4.52	<13	PASS
		12	6	4.52	<13	PASS
		12	13	4.4	<13	PASS
		25	0	4.47	<13	PASS
	HCH	1	0	4.14	<13	PASS
		1	12	4.1	<13	PASS
		1	24	4.18	<13	PASS
		12	0	4.8	<13	PASS
		12	6	4.84	<13	PASS

		12	13	4.9	<13	PASS
		25	0	4.88	<13	PASS
16QAM	LCH	1	0	5.22	<13	PASS
		1	12	5.13	<13	PASS
		1	24	5.47	<13	PASS
		12	0	5.79	<13	PASS
		12	6	5.75	<13	PASS
		12	13	5.83	<13	PASS
		25	0	5.79	<13	PASS
		25	0	5.79	<13	PASS
	MCH	1	0	4.62	<13	PASS
		1	12	4.39	<13	PASS
		1	24	4.38	<13	PASS
		12	0	5.31	<13	PASS
		12	6	5.37	<13	PASS
		12	13	5.08	<13	PASS
		25	0	5.29	<13	PASS
		25	0	5.29	<13	PASS
	HCH	1	0	4.88	<13	PASS
		1	12	4.85	<13	PASS
		1	24	4.95	<13	PASS
		12	0	5.62	<13	PASS
		12	6	5.61	<13	PASS
		12	13	5.69	<13	PASS
		25	0	5.65	<13	PASS
		25	0	5.65	<13	PASS

## Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.45	<13	PASS
		1	24	4.54	<13	PASS
		1	49	4.51	<13	PASS
		25	0	5.08	<13	PASS
		25	12	5.13	<13	PASS
		25	25	5.14	<13	PASS
		50	0	5.14	<13	PASS
		50	0	5.14	<13	PASS
	MCH	1	0	3.82	<13	PASS
		1	24	3.43	<13	PASS
		1	49	3.41	<13	PASS
		25	0	4.55	<13	PASS
		25	12	4.59	<13	PASS
		25	25	4.36	<13	PASS

	HCH	50	0	4.46	<13	PASS
		1	0	3.85	<13	PASS
		1	24	4.1	<13	PASS
		1	49	4.26	<13	PASS
		25	0	4.56	<13	PASS
		25	12	4.57	<13	PASS
		25	25	4.77	<13	PASS
		50	0	4.76	<13	PASS
16QAM	LCH	1	0	5.23	<13	PASS
		1	24	5.38	<13	PASS
		1	49	5.55	<13	PASS
		25	0	5.94	<13	PASS
		25	12	5.98	<13	PASS
		25	25	6	<13	PASS
		50	0	5.93	<13	PASS
	MCH	1	0	4.61	<13	PASS
		1	24	4.33	<13	PASS
		1	49	4.36	<13	PASS
		25	0	5.43	<13	PASS
		25	12	5.45	<13	PASS
		25	25	5.16	<13	PASS
		50	0	5.29	<13	PASS
	HCH	1	0	4.83	<13	PASS
		1	24	5.1	<13	PASS
		1	49	5.19	<13	PASS
		25	0	5.49	<13	PASS
		25	12	5.5	<13	PASS
		25	25	5.68	<13	PASS
		50	0	5.57	<13	PASS

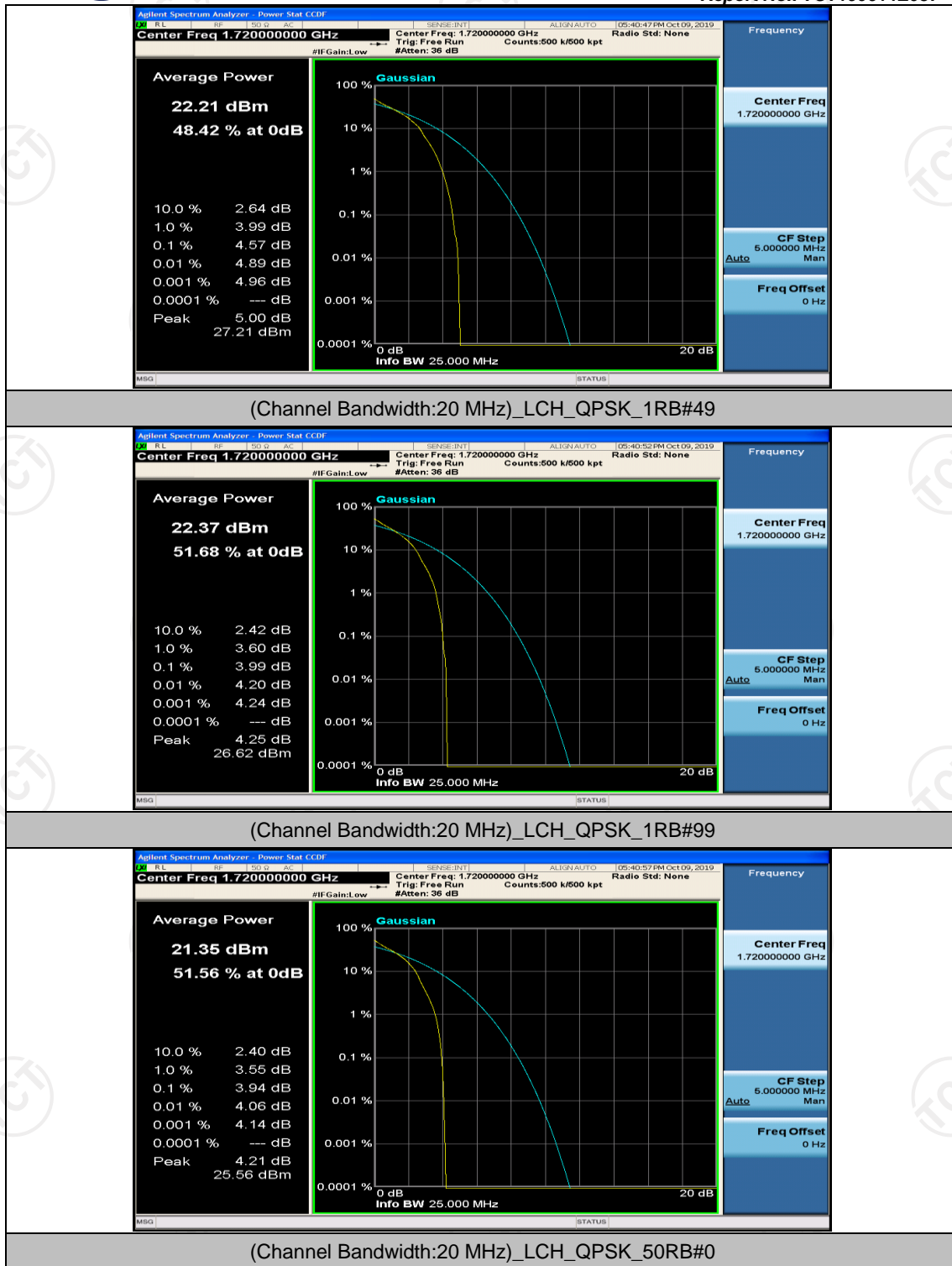
**Channel Bandwidth: 15 MHz**

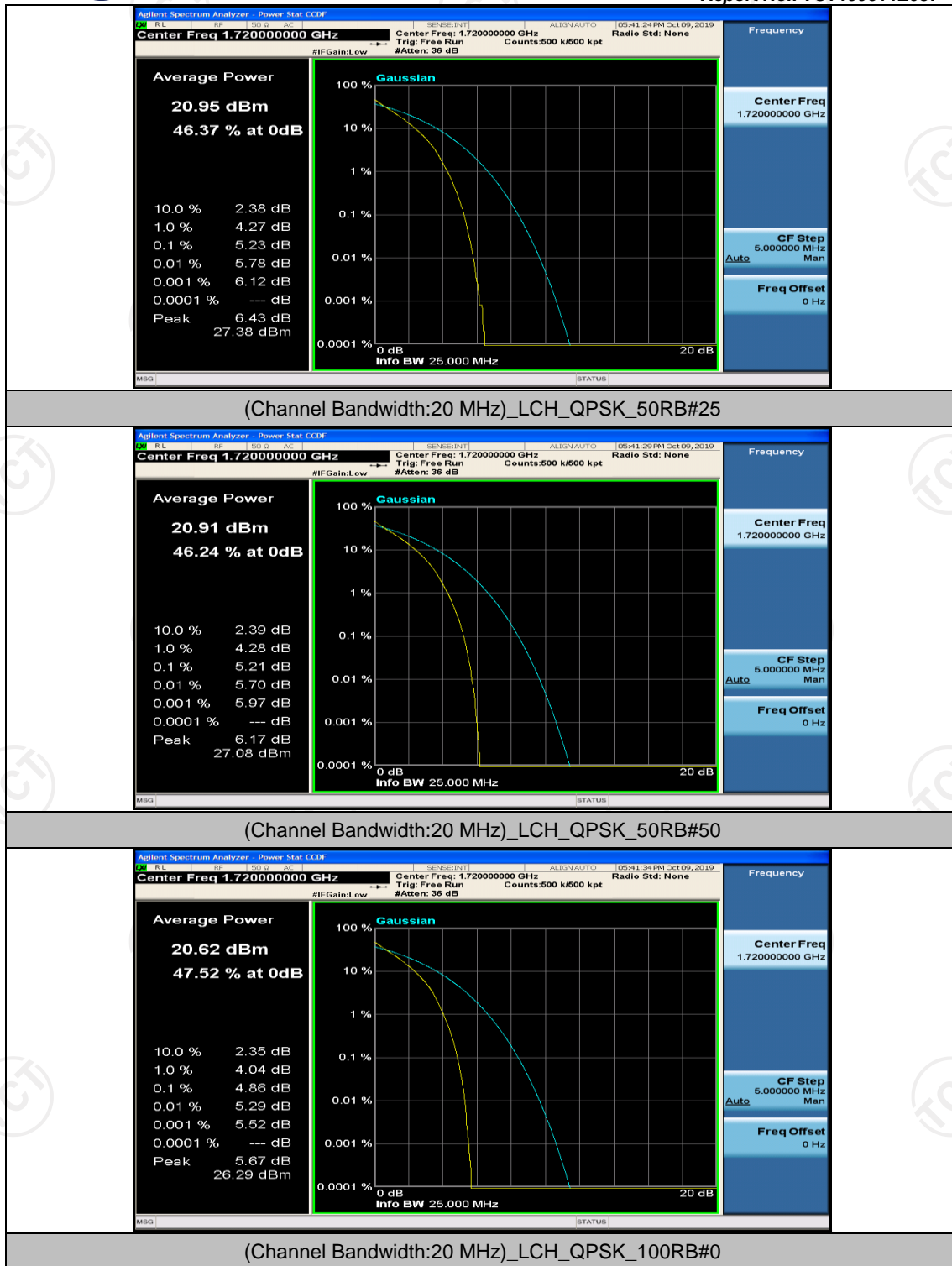
Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.48	<13	PASS
		1	37	4.5	<13	PASS
		1	74	4.31	<13	PASS
		37	0	5.45	<13	PASS
		37	18	5.39	<13	PASS
		37	38	5.4	<13	PASS
		75	0	5.39	<13	PASS

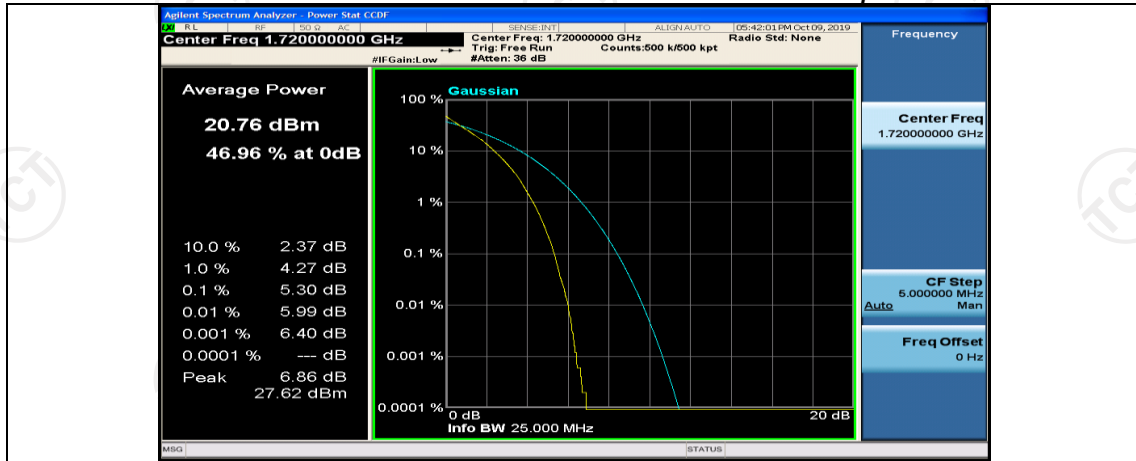
	MCH	1	0	4.1	<13	PASS
		1	37	3.66	<13	PASS
		1	74	3.6	<13	PASS
		37	0	4.81	<13	PASS
		37	18	4.81	<13	PASS
		37	38	4.83	<13	PASS
		75	0	4.8	<13	PASS
	HCH	1	0	3.62	<13	PASS
		1	37	4.01	<13	PASS
		1	74	4.36	<13	PASS
		37	0	4.97	<13	PASS
		37	18	4.99	<13	PASS
		37	38	4.98	<13	PASS
		75	0	5	<13	PASS
16QAM	LCH	1	0	5.36	<13	PASS
		1	37	5.3	<13	PASS
		1	74	5.09	<13	PASS
		37	0	5.4	<13	PASS
		37	18	5.41	<13	PASS
		37	38	5.41	<13	PASS
		75	0	6.06	<13	PASS
	MCH	1	0	4.94	<13	PASS
		1	37	4.34	<13	PASS
		1	74	4.53	<13	PASS
		37	0	4.81	<13	PASS
		37	18	4.81	<13	PASS
		37	38	4.82	<13	PASS
		75	0	5.54	<13	PASS
	HCH	1	0	4.71	<13	PASS
		1	37	4.88	<13	PASS
		1	74	5.35	<13	PASS
		37	0	4.98	<13	PASS
		37	18	5.01	<13	PASS
		37	38	5	<13	PASS
		75	0	5.7	<13	PASS

**Channel Bandwidth: 20 MHz**

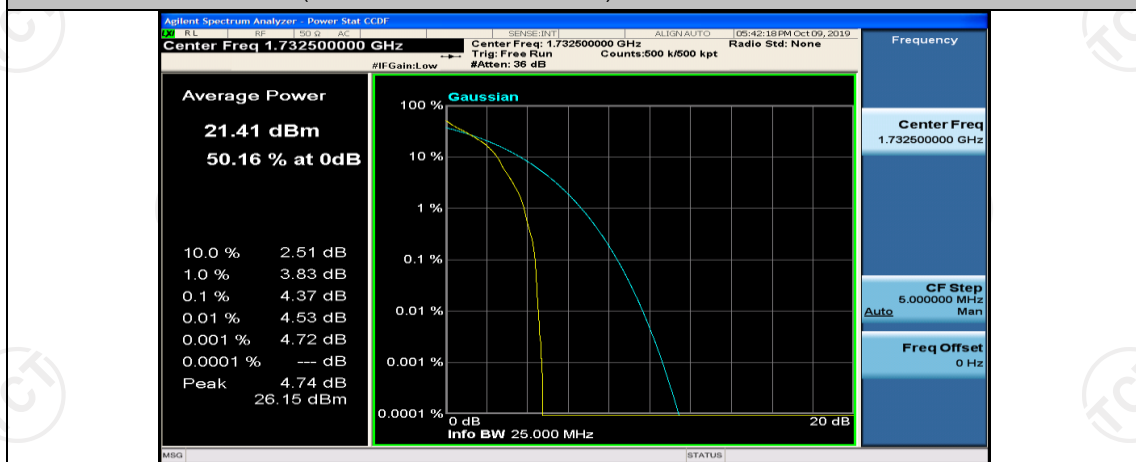
(Channel Bandwidth:20 MHz)\_LCH\_QPSK\_1RB#0



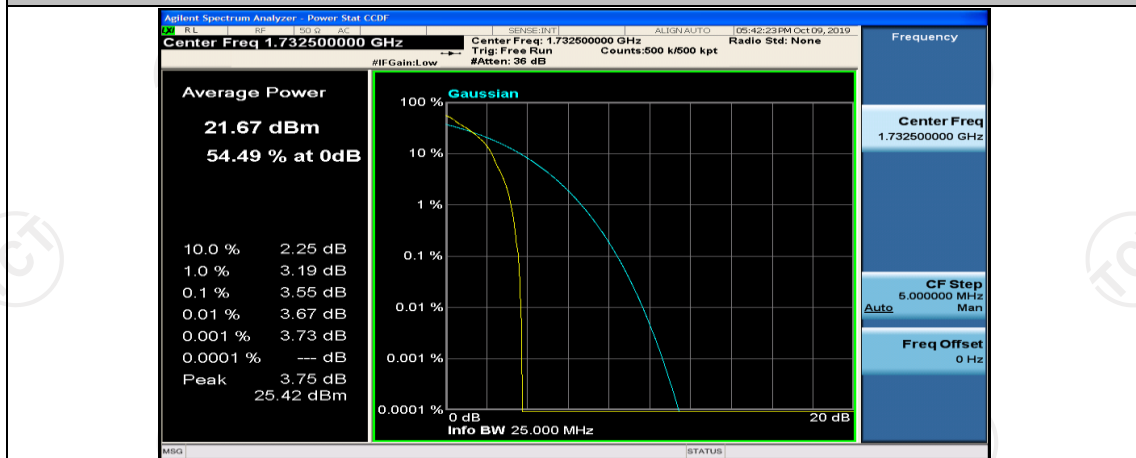




(Channel Bandwidth:20 MHz)\_MCH\_QPSK\_1RB#0

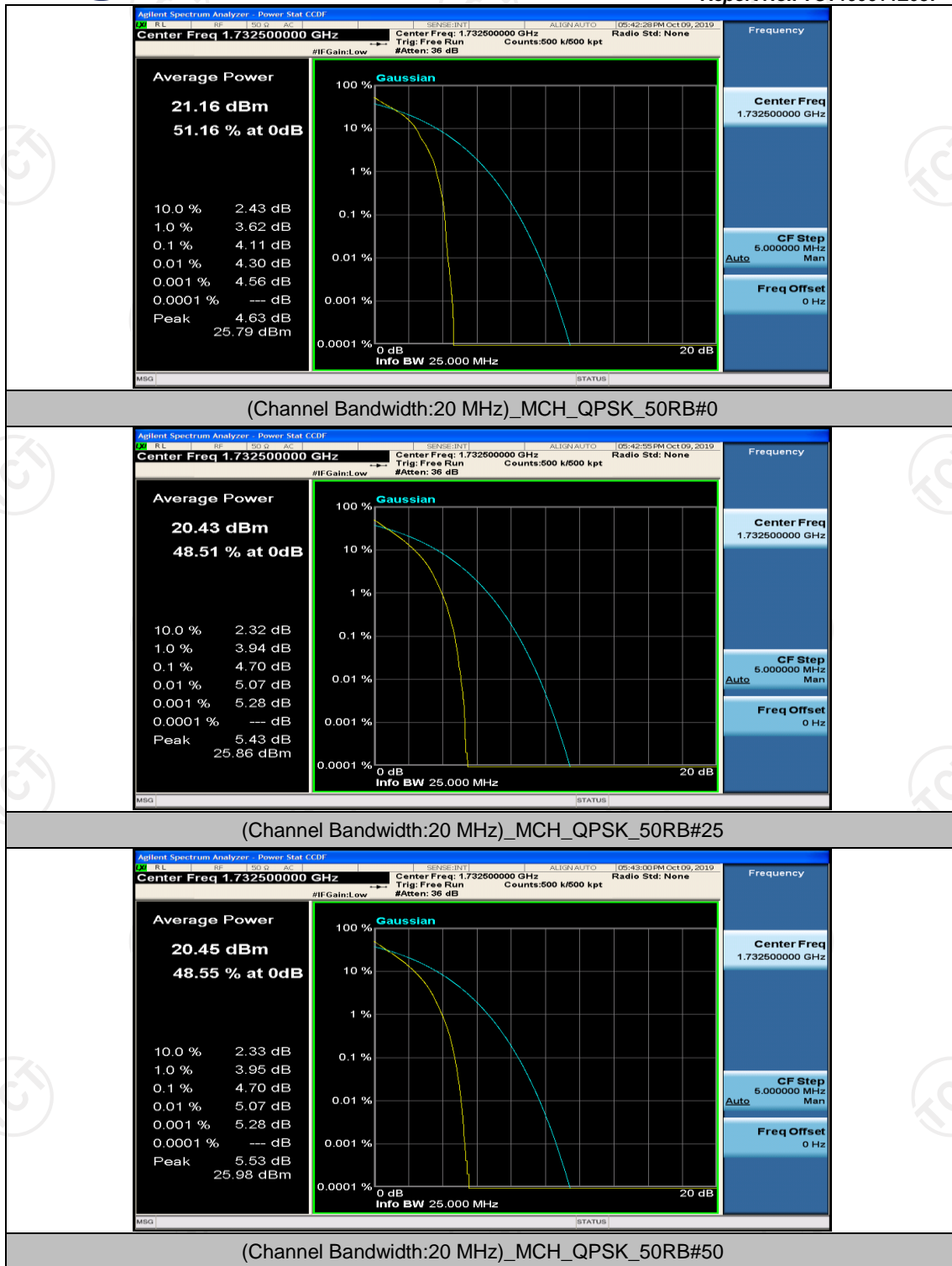


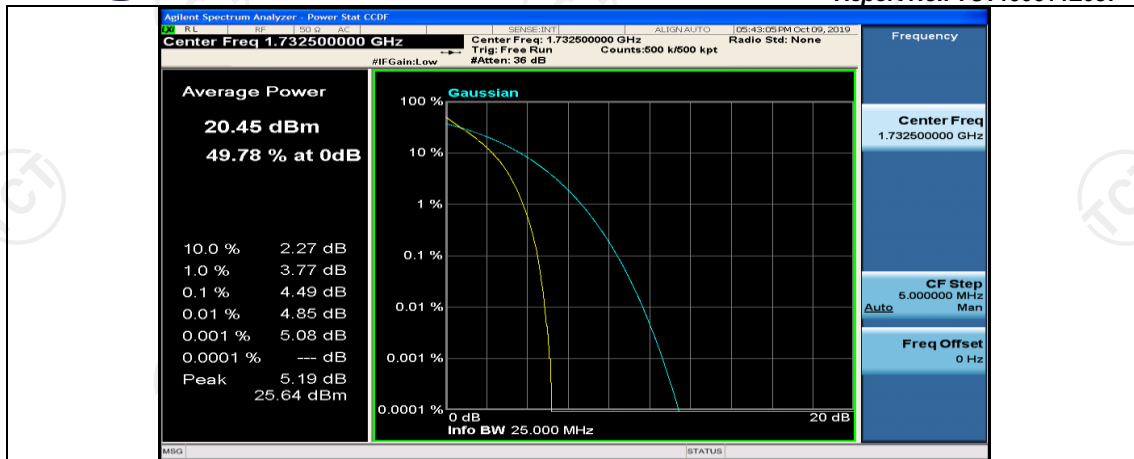
(Channel Bandwidth:20 MHz)\_MCH\_QPSK\_1RB#49



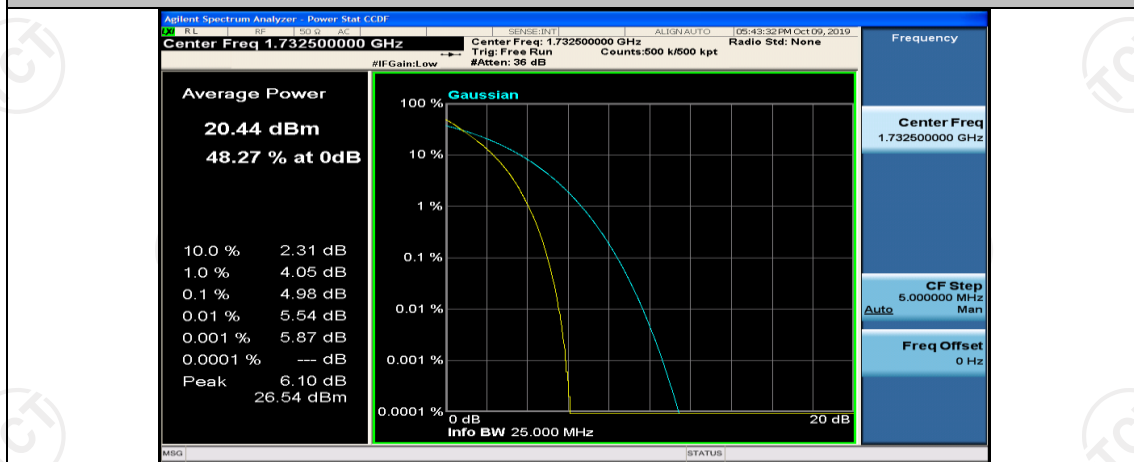
(Channel Bandwidth:20 MHz)\_MCH\_QPSK\_1RB#99



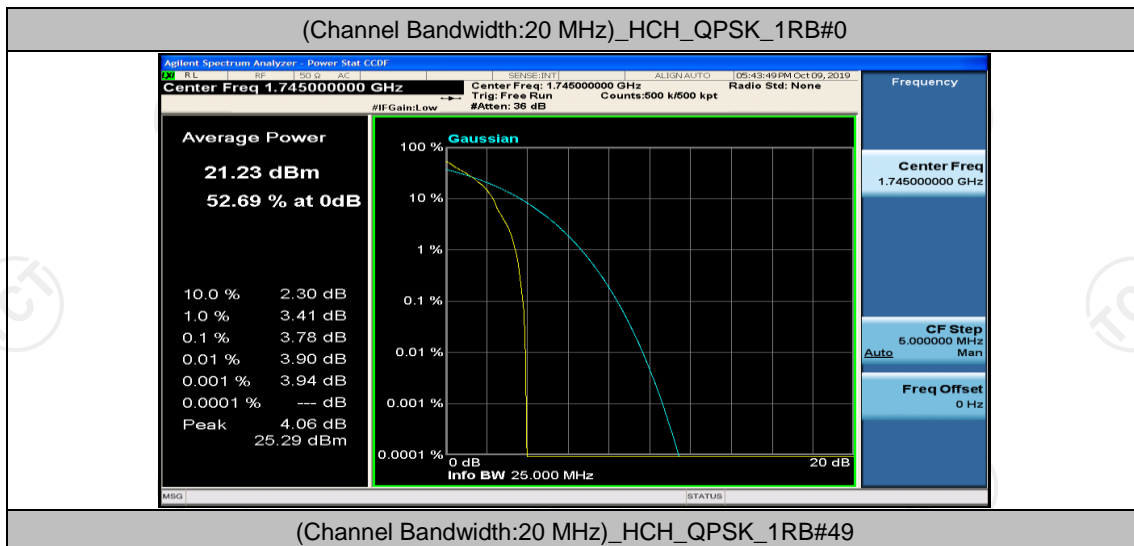




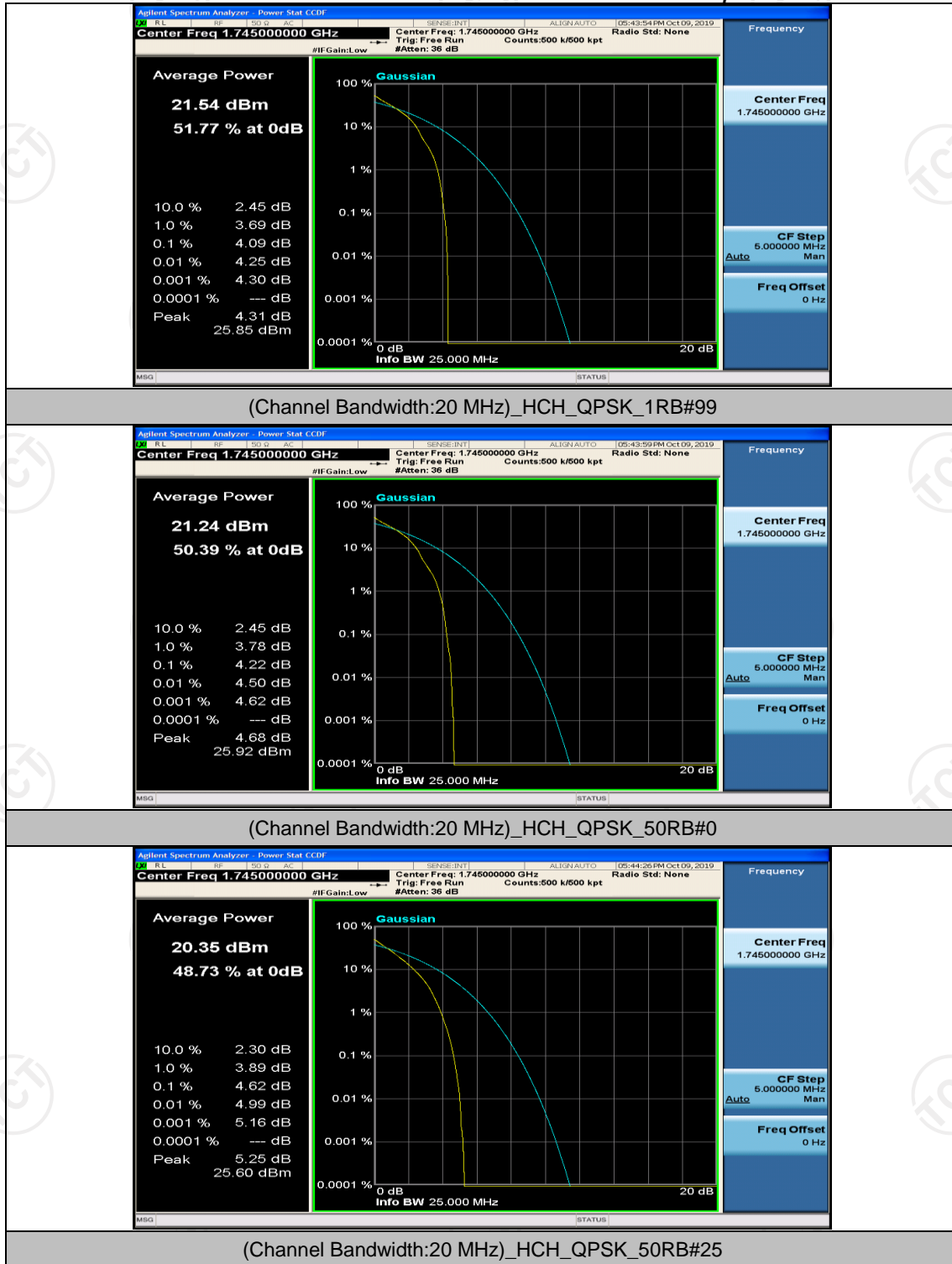
(Channel Bandwidth:20 MHz)\_MCH\_QPSK\_100RB#0

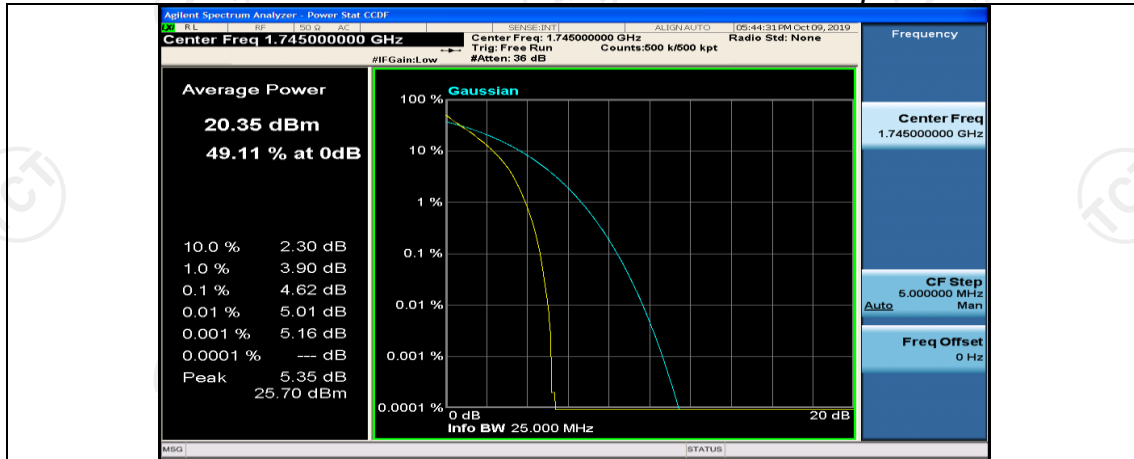


(Channel Bandwidth:20 MHz)\_HCH\_QPSK\_1RB#0

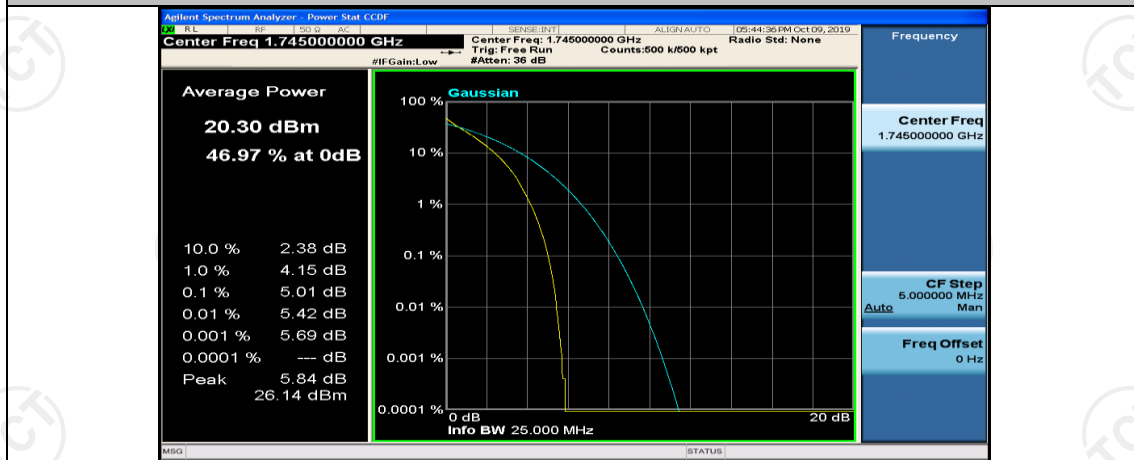


(Channel Bandwidth:20 MHz)\_HCH\_QPSK\_1RB#49

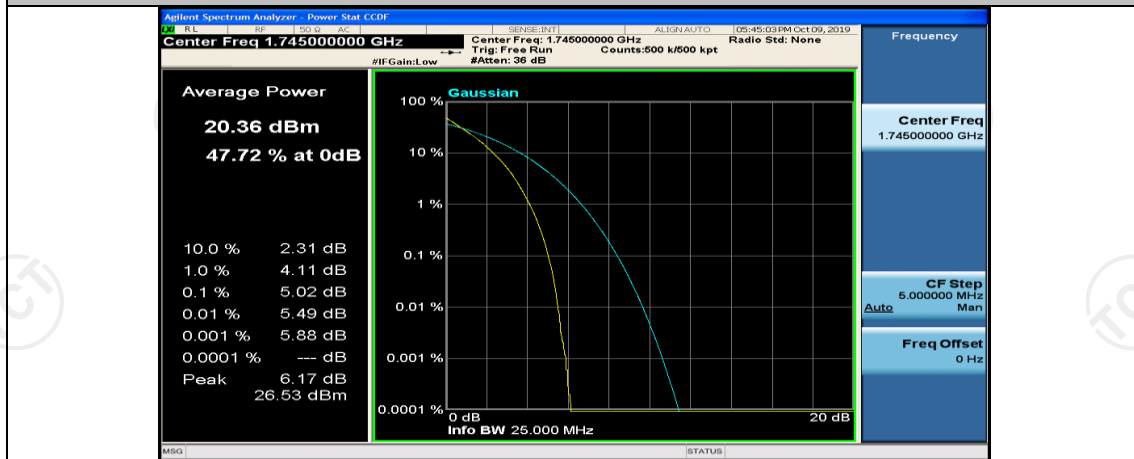




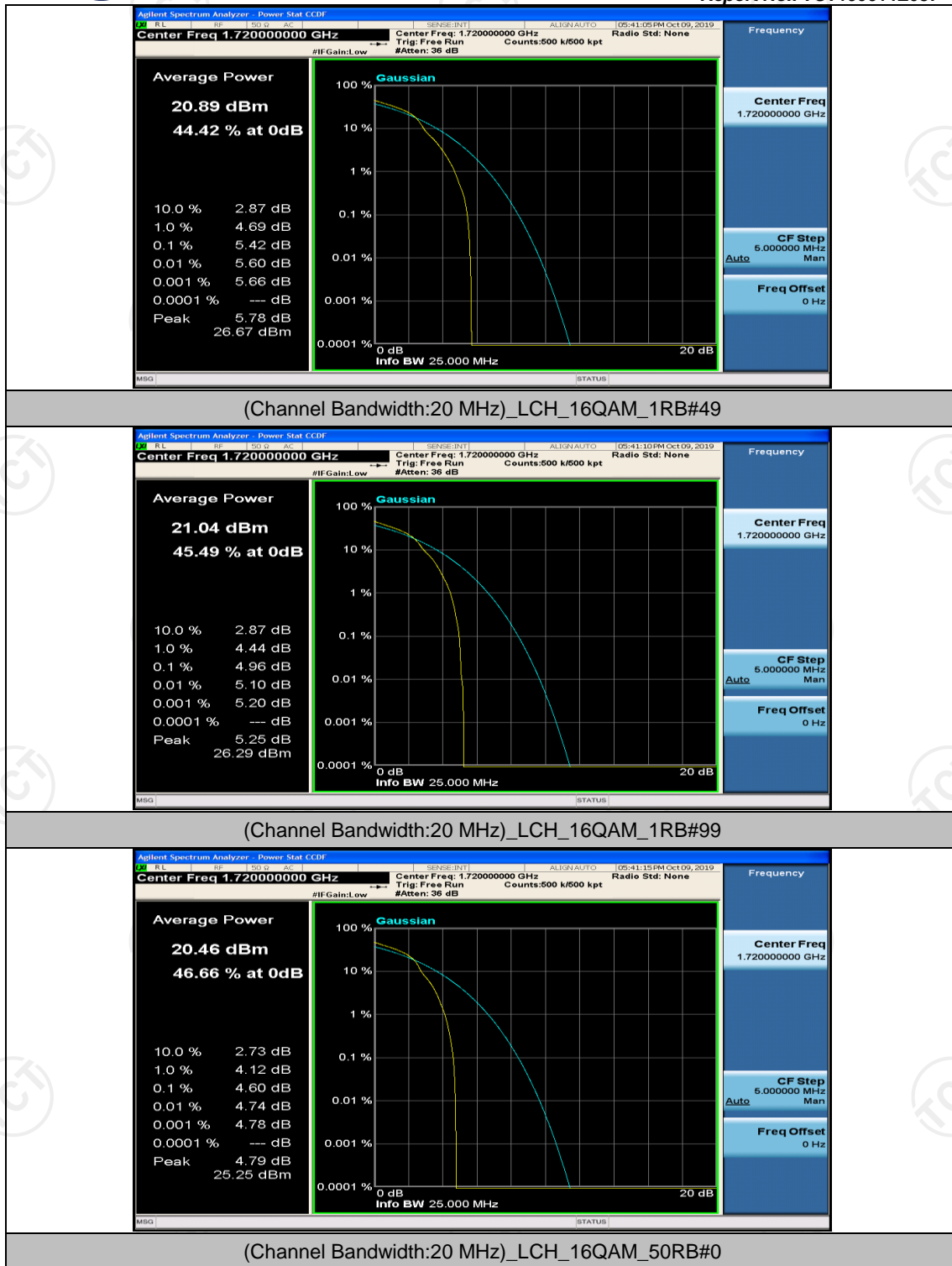
(Channel Bandwidth:20 MHz)\_HCH\_QPSK\_50RB#50

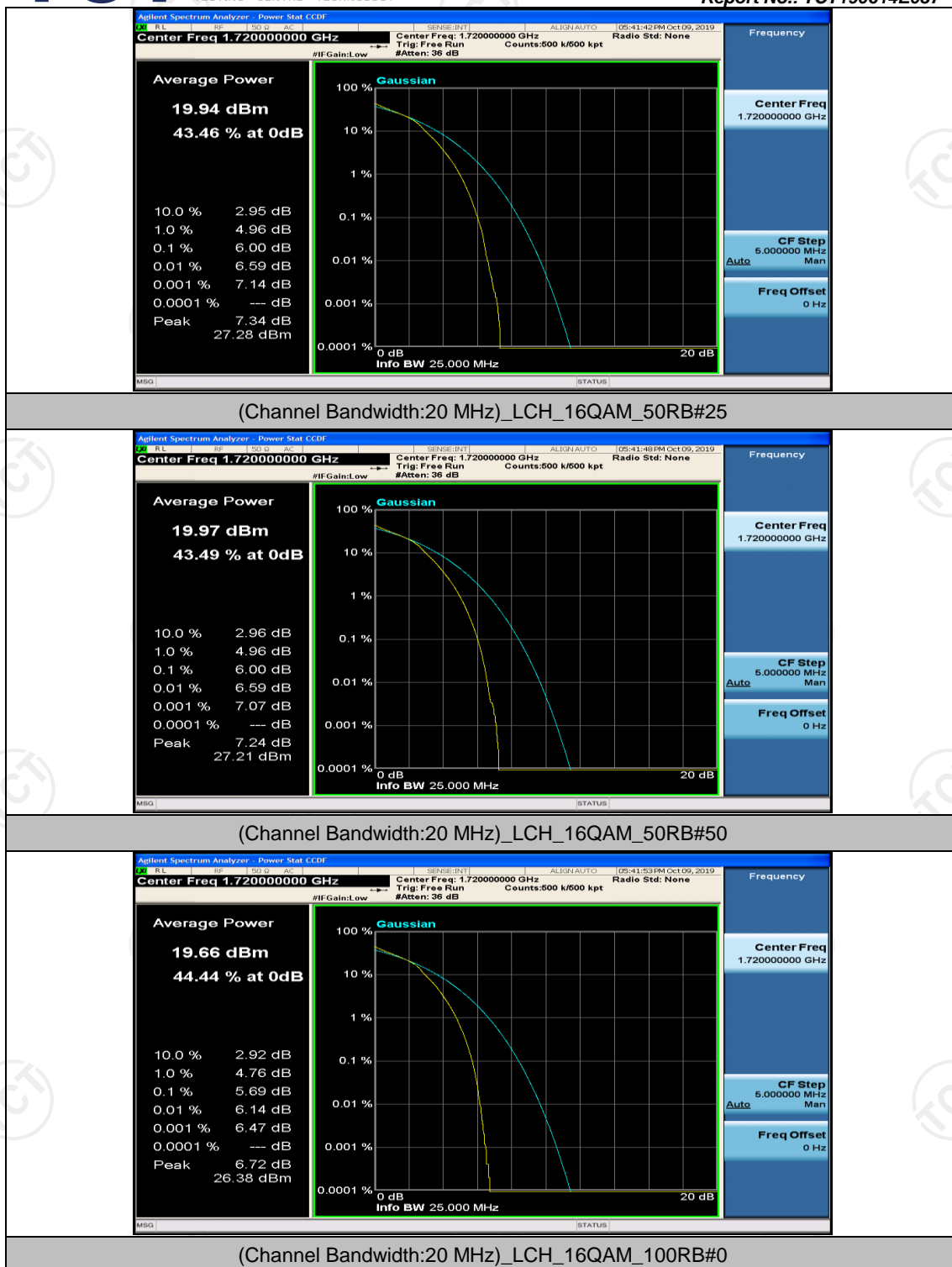


(Channel Bandwidth:20 MHz)\_HCH\_QPSK\_100RB#0

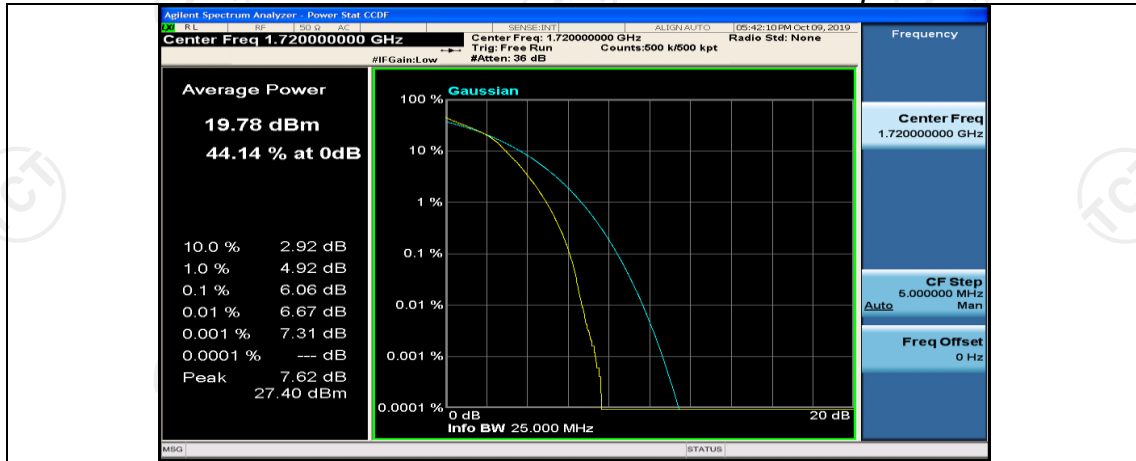


(Channel Bandwidth:20 MHz)\_LCH\_16QAM\_1RB#0

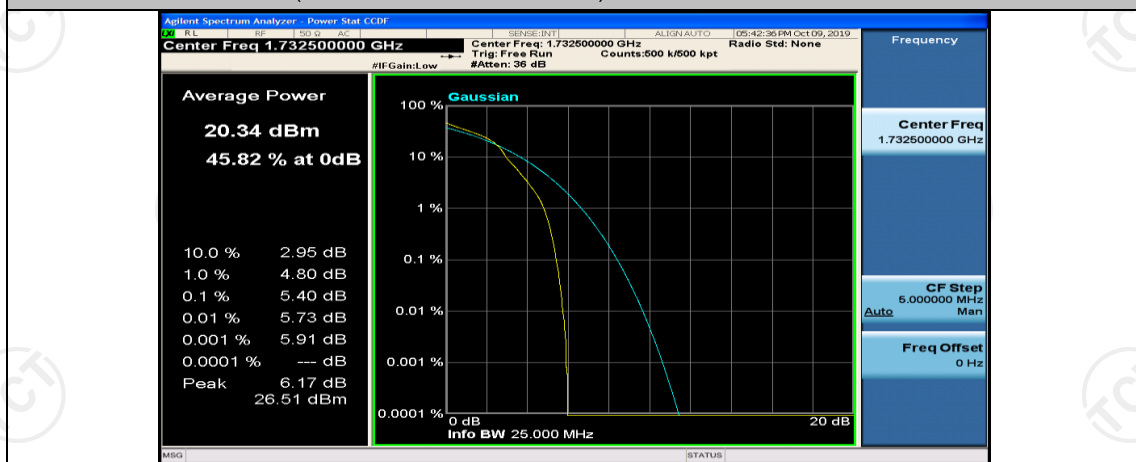




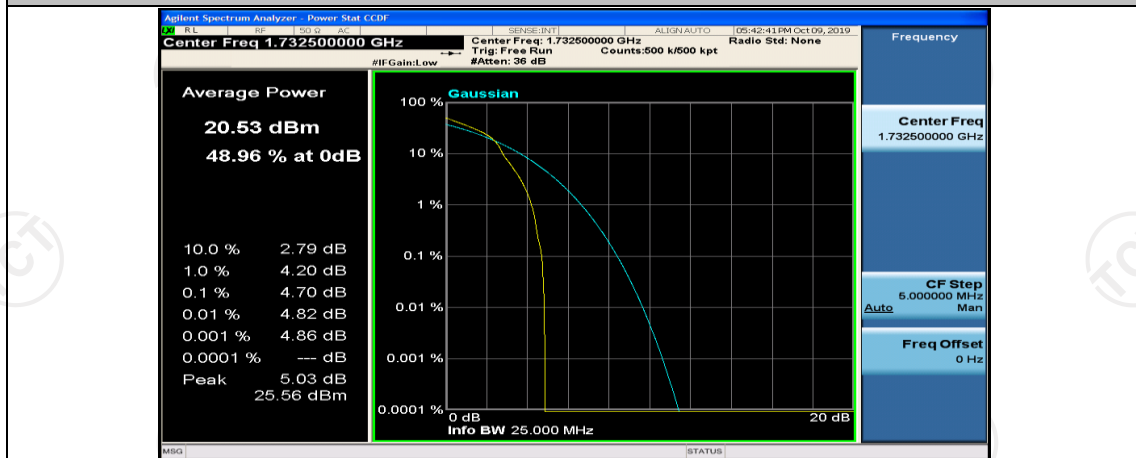




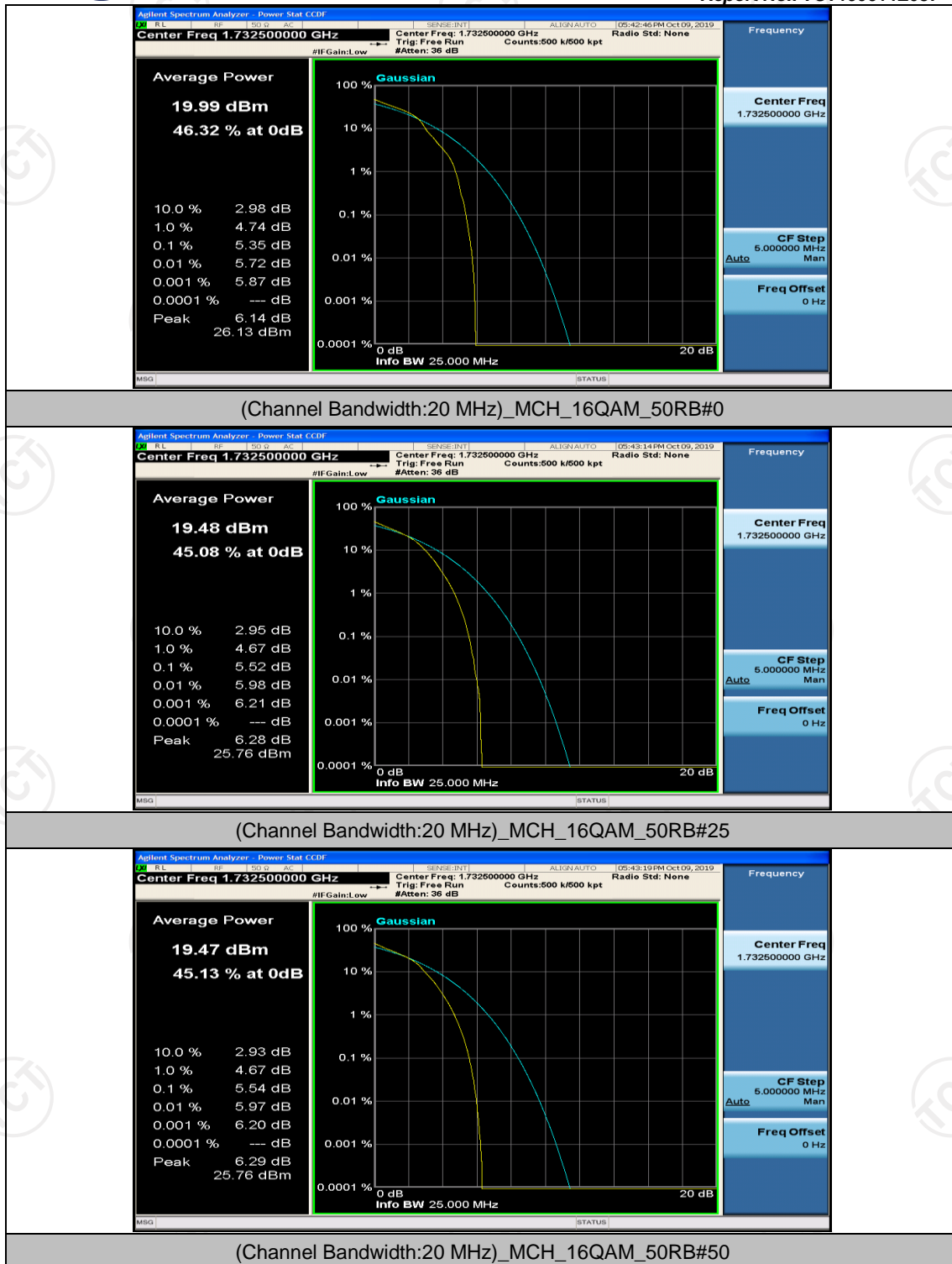
(Channel Bandwidth:20 MHz)\_MCH\_16QAM\_1RB#0



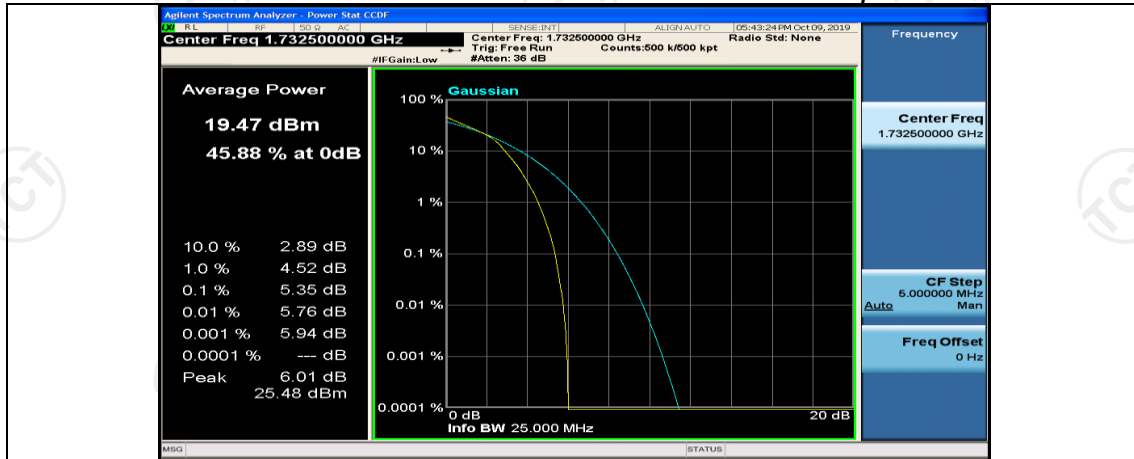
(Channel Bandwidth:20 MHz)\_MCH\_16QAM\_1RB#49



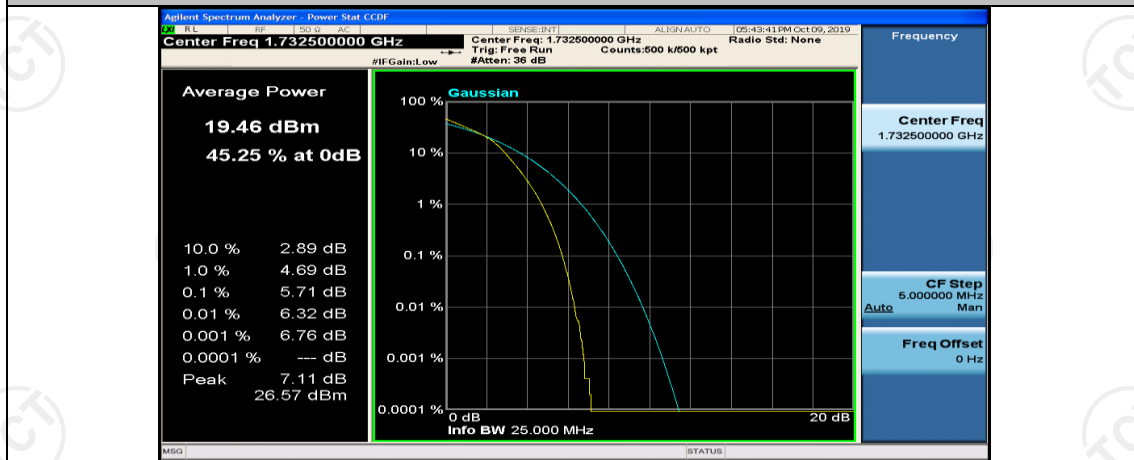
(Channel Bandwidth:20 MHz)\_MCH\_16QAM\_1RB#99



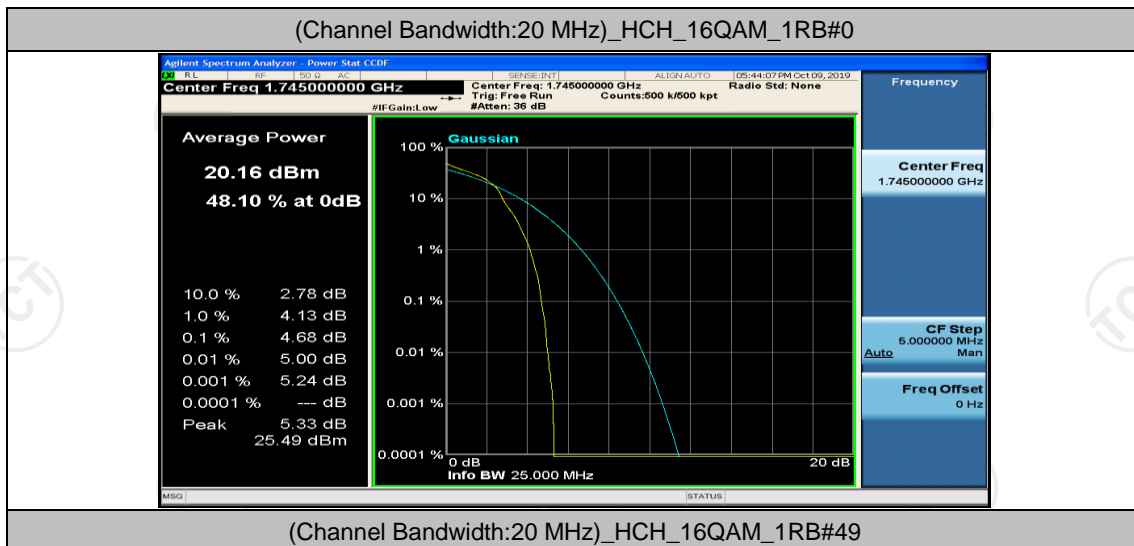




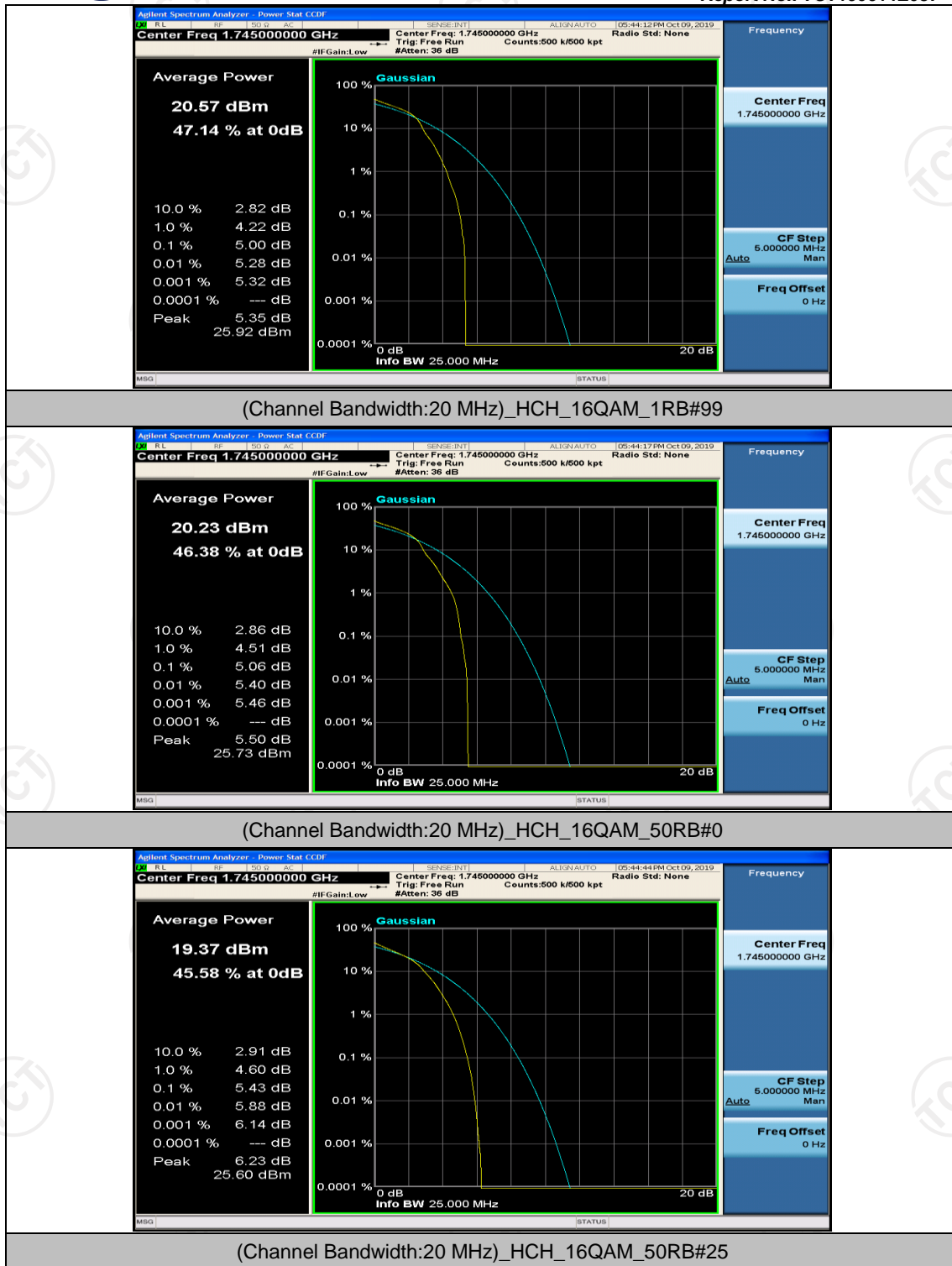
(Channel Bandwidth:20 MHz)\_MCH\_16QAM\_100RB#0

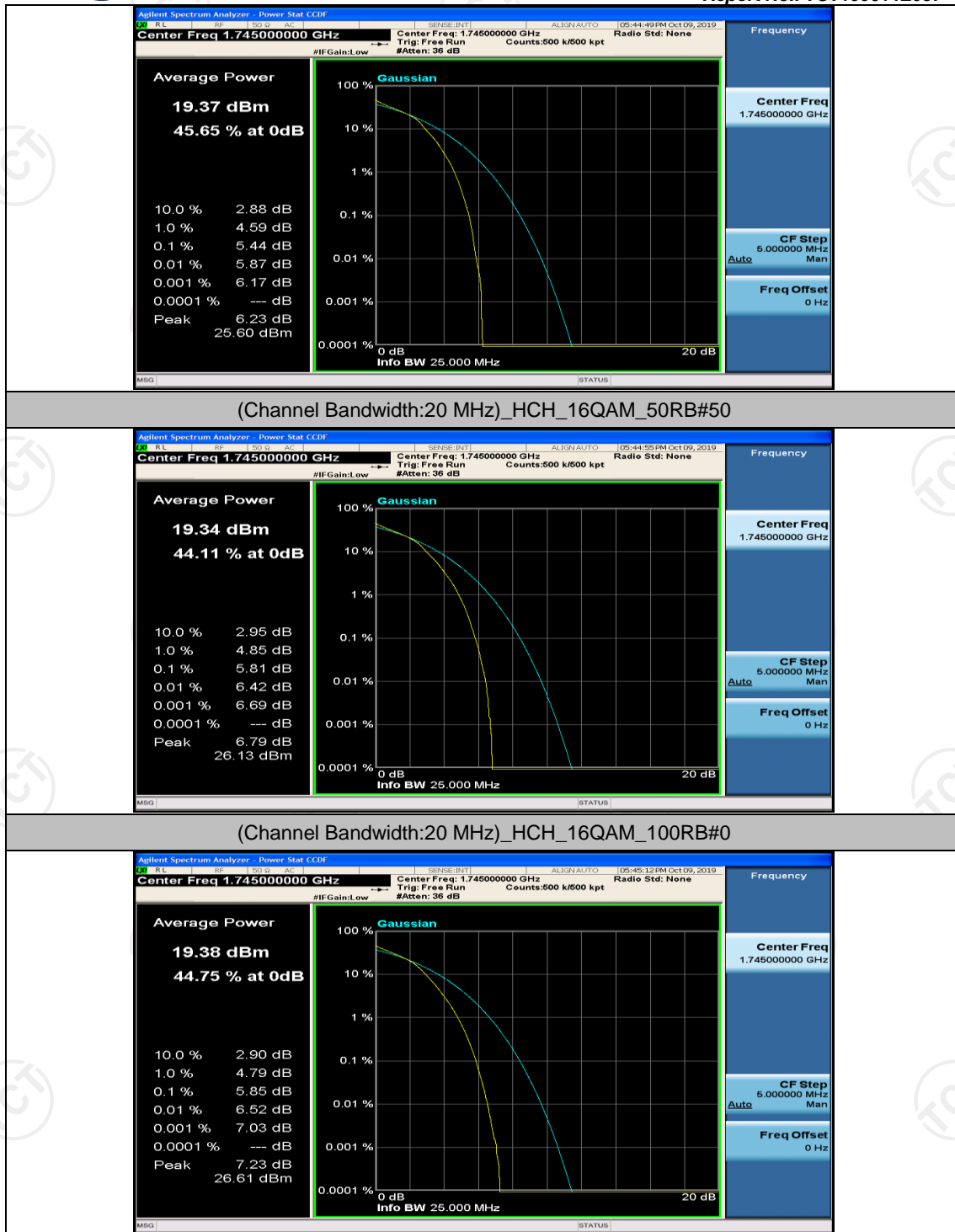


(Channel Bandwidth:20 MHz)\_HCH\_16QAM\_1RB#0



(Channel Bandwidth:20 MHz)\_HCH\_16QAM\_1RB#49





## Appendix C: 26dB Bandwidth and Occupied Bandwidth

### Test Result

**Channel Bandwidth: 1.4 MHz**

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.22342	0.3417	PASS
		1	3	0.22532	0.3575	PASS
		1	5	0.22711	0.3669	PASS
		3	0	0.55127	0.7045	PASS
		3	2	0.55148	0.6996	PASS
		3	3	0.55138	0.7360	PASS
		6	0	1.0757	1.211	PASS
	MCH	1	0	0.23379	0.3807	PASS
		1	3	0.23900	0.3773	PASS
		1	5	0.23618	0.3883	PASS
		3	0	0.55716	0.7564	PASS
		3	2	0.55759	0.7635	PASS
		3	3	0.55976	0.8135	PASS
		6	0	1.0813	1.249	PASS
	HCH	1	0	0.22284	0.3417	PASS
		1	3	0.22707	0.3586	PASS
		1	5	0.22697	0.3501	PASS
		3	0	0.55402	0.7175	PASS
		3	2	0.55388	0.7372	PASS
		3	3	0.55085	0.7374	PASS
		6	0	1.0761	1.208	PASS
16QAM	LCH	1	0	0.22991	0.3530	PASS
		1	3	0.23063	0.3422	PASS
		1	5	0.23587	0.3682	PASS
		3	0	0.54970	0.7078	PASS
		3	2	0.54974	0.6969	PASS
		3	3	0.55528	0.7090	PASS
		6	0	1.0761	1.247	PASS
	MCH	1	0	0.23183	0.3523	PASS
		1	3	0.23420	0.3437	PASS

		1	5	0.23981	0.3751	PASS
		3	0	0.55183	0.7237	PASS
		3	2	0.55140	0.7017	PASS
		3	3	0.55320	0.7437	PASS
		6	0	1.0767	1.235	PASS
	HCH	1	0	0.23370	0.3771	PASS
		1	3	0.23139	0.3604	PASS
		1	5	0.23196	0.3703	PASS
		3	0	0.55067	0.7417	PASS
		3	2	0.55293	0.7311	PASS
		3	3	0.55460	0.7015	PASS
		6	0	1.0757	1.233	PASS

## Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.25513	0.3878	PASS
		1	7	0.25421	0.4225	PASS
		1	14	0.26755	0.4236	PASS
		8	0	1.4408	1.666	PASS
		8	4	1.4458	1.683	PASS
		8	7	1.4412	1.628	PASS
		15	0	2.6801	2.811	PASS
	MCH	1	0	0.25342	0.3755	PASS
		1	7	0.26213	0.4376	PASS
		1	14	0.26510	0.3986	PASS
		8	0	1.4439	1.695	PASS
		8	4	1.4459	1.688	PASS
		8	7	1.4455	1.669	PASS
		15	0	2.6831	2.835	PASS
	HCH	1	0	0.26062	0.4519	PASS
		1	7	0.25744	0.4345	PASS
		1	14	0.26524	0.4243	PASS
		8	0	1.4414	1.622	PASS
		8	4	1.4426	1.671	PASS
		8	7	1.4429	1.647	PASS
		15	0	2.6841	2.826	PASS
16QAM	LCH	1	0	0.26547	0.4170	PASS

		1	7	0.26415	0.4082	PASS
		1	14	0.26077	0.3671	PASS
		8	0	1.4456	1.631	PASS
		8	4	1.4450	1.620	PASS
		8	7	1.4487	1.648	PASS
		15	0	2.6795	2.817	PASS
	MCH	1	0	0.26160	0.3815	PASS
		1	7	0.26713	0.4387	PASS
		1	14	0.26488	0.3915	PASS
		8	0	1.4431	1.639	PASS
		8	4	1.4462	1.623	PASS
		8	7	1.4468	1.663	PASS
		15	0	2.6792	2.823	PASS
	HCH	1	0	0.26586	0.4249	PASS
		1	7	0.27912	0.4496	PASS
		1	14	0.27112	0.3983	PASS
		8	0	1.4469	1.641	PASS
		8	4	1.4470	1.635	PASS
		8	7	1.4463	1.653	PASS
		15	0	2.6798	2.813	PASS

## Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.36305	0.5462	PASS
		1	12	0.34111	0.5780	PASS
		1	24	0.38061	0.5837	PASS
		12	0	2.1735	2.570	PASS
		12	6	2.1784	2.550	PASS
		12	13	2.1762	2.520	PASS
		25	0	4.4686	4.740	PASS
	MCH	1	0	0.37707	0.5700	PASS
		1	12	0.37062	0.6032	PASS
		1	24	0.39114	0.5735	PASS
		12	0	2.1809	2.519	PASS
		12	6	2.1774	2.566	PASS
		12	13	2.1772	2.576	PASS
		25	0	4.4658	4.748	PASS

	HCH	1	0	0.37613	0.5701	PASS
		1	12	0.35849	0.5686	PASS
		1	24	0.37324	0.5243	PASS
		12	0	2.1651	2.435	PASS
		12	6	2.1712	2.510	PASS
		12	13	2.1725	2.589	PASS
		25	0	4.4764	4.734	PASS
16QAM	LCH	1	0	0.38283	0.5564	PASS
		1	12	0.38314	0.5768	PASS
		1	24	0.40267	0.5880	PASS
		12	0	2.1778	2.547	PASS
		12	6	2.1788	2.522	PASS
		12	13	2.1797	2.556	PASS
		25	0	4.4805	4.724	PASS
	MCH	1	0	0.36549	0.5535	PASS
		1	12	0.36670	0.5750	PASS
		1	24	0.36970	0.5675	PASS
		12	0	2.1692	2.498	PASS
		12	6	2.1703	2.519	PASS
		12	13	2.1709	2.495	PASS
		25	0	4.4698	4.788	PASS
	HCH	1	0	0.39559	0.6062	PASS
		1	12	0.37928	0.6367	PASS
		1	24	0.39413	0.6040	PASS
		12	0	2.1731	2.547	PASS
		12	6	2.1800	2.527	PASS
		12	13	2.1708	2.514	PASS
		25	0	4.4767	4.750	PASS

## Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.49142	0.7056	PASS
		1	25	0.44389	0.7278	PASS
		1	49	0.48374	0.7192	PASS
		25	0	4.5245	4.889	PASS
		25	12	4.5194	4.916	PASS
		25	25	4.5217	4.958	PASS
		50	0	8.9546	9.416	PASS
	MCH	1	0	0.48377	0.7203	PASS



		1	25	0.45289	0.6842	PASS
		1	49	0.48302	0.7450	PASS
		25	0	4.5235	4.974	PASS
		25	12	4.5046	4.996	PASS
		25	25	4.5228	4.962	PASS
		50	0	8.9540	9.443	PASS
	HCH	1	0	0.49849	0.7095	PASS
		1	25	0.46261	0.7688	PASS
		1	49	0.48906	0.7140	PASS
		25	0	4.5095	5.001	PASS
		25	12	4.5110	5.002	PASS
		25	25	4.5062	4.938	PASS
		50	0	8.9435	9.370	PASS
16QAM	LCH	1	0	0.48247	0.7288	PASS
		1	25	0.44082	0.7023	PASS
		1	49	0.51285	0.6942	PASS
		25	0	4.5109	4.953	PASS
		25	12	4.5186	5.018	PASS
		25	25	4.5069	4.992	PASS
		50	0	8.9389	9.333	PASS
	MCH	1	0	0.48122	0.6590	PASS
		1	25	0.44926	0.6260	PASS
		1	49	0.50787	0.7468	PASS
		25	0	4.5095	4.999	PASS
		25	12	4.5077	4.969	PASS
		25	25	4.5035	4.970	PASS
		50	0	8.9490	9.396	PASS
	HCH	1	0	0.49314	0.7410	PASS
		1	25	0.45521	0.7375	PASS
		1	49	0.49124	0.7352	PASS
		25	0	4.5154	4.957	PASS
		25	12	4.5103	5.062	PASS
		25	25	4.5201	5.055	PASS
		50	0	8.9424	9.370	PASS

## Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.58178	0.8656	PASS



		1	37	0.54922	0.8162	PASS
		1	74	0.56201	0.8033	PASS
		37	0	13.425	14.11	PASS
		37	18	13.415	14.05	PASS
		37	38	13.420	14.05	PASS
		75	0	13.411	14.09	PASS
	MCH	1	0	0.58245	0.8607	PASS
		1	37	0.56170	0.8602	PASS
		1	74	0.55456	0.8272	PASS
		37	0	13.418	14.01	PASS
		37	18	13.417	14.10	PASS
		37	38	13.423	14.09	PASS
		75	0	13.423	14.05	PASS
	HCH	1	0	0.58561	0.8305	PASS
		1	37	0.55528	0.7703	PASS
		1	74	0.58444	0.8303	PASS
		37	0	13.400	13.97	PASS
		37	18	13.401	14.01	PASS
		37	38	13.397	13.95	PASS
		75	0	13.399	13.97	PASS
16QAM	LCH	1	0	0.57606	0.8209	PASS
		1	37	0.54498	0.8109	PASS
		1	74	0.58220	0.8389	PASS
		37	0	13.415	14.04	PASS
		37	18	13.429	14.06	PASS
		37	38	13.424	14.05	PASS
		75	0	13.407	13.97	PASS
	MCH	1	0	0.56403	0.8399	PASS
		1	37	0.54765	0.8403	PASS
		1	74	0.56378	0.7849	PASS
		37	0	13.432	14.14	PASS
		37	18	13.426	14.01	PASS
		37	38	13.428	14.05	PASS
		75	0	13.407	14.08	PASS
	HCH	1	0	0.57228	0.7875	PASS
		1	37	0.53224	0.7716	PASS
		1	74	0.57893	0.8708	PASS
		37	0	13.405	13.95	PASS
		37	18	13.393	13.95	PASS
		37	38	13.405	13.97	PASS
		75	0	13.391	13.92	PASS

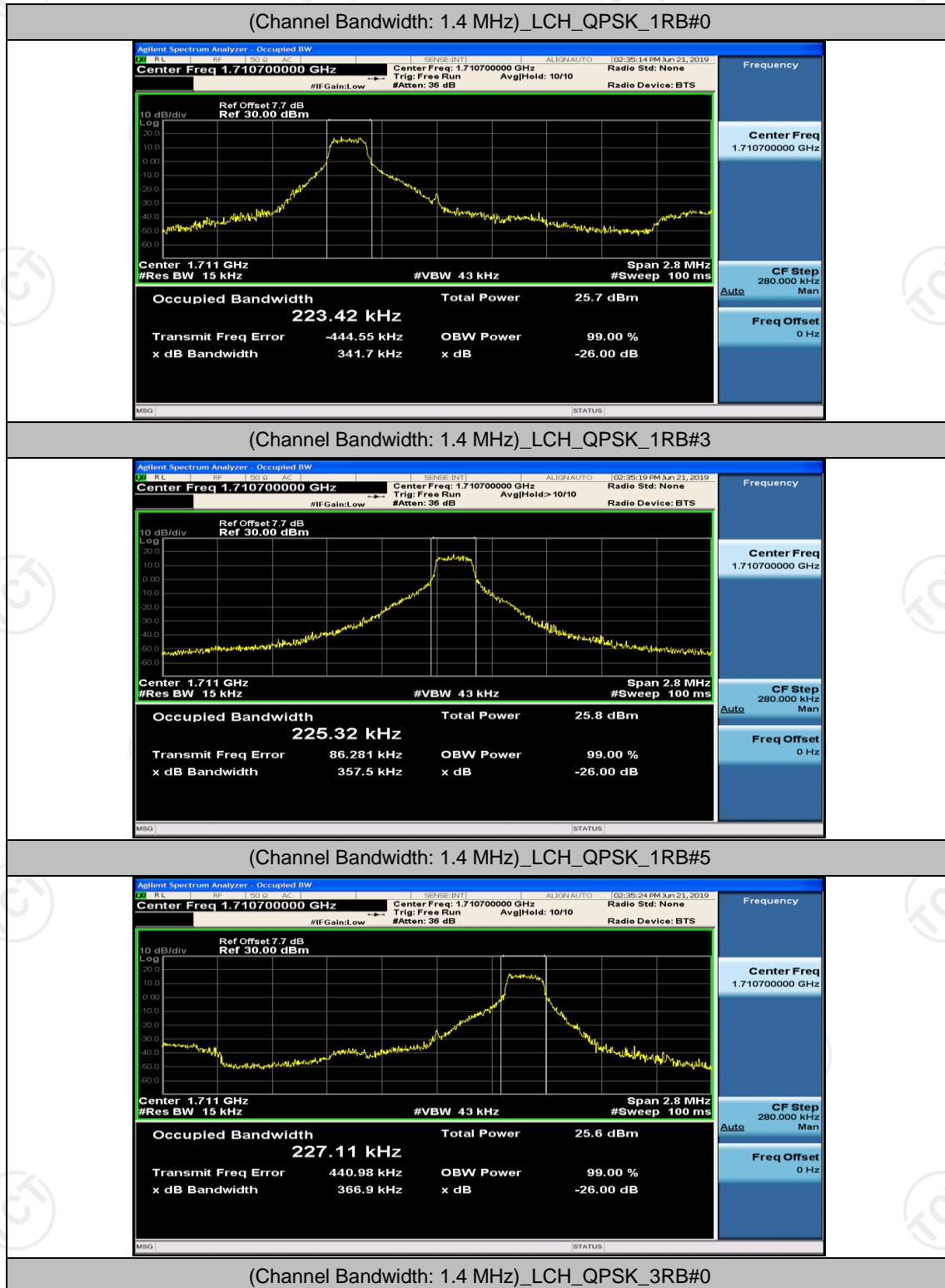
## Channel Bandwidth: 20 MHz

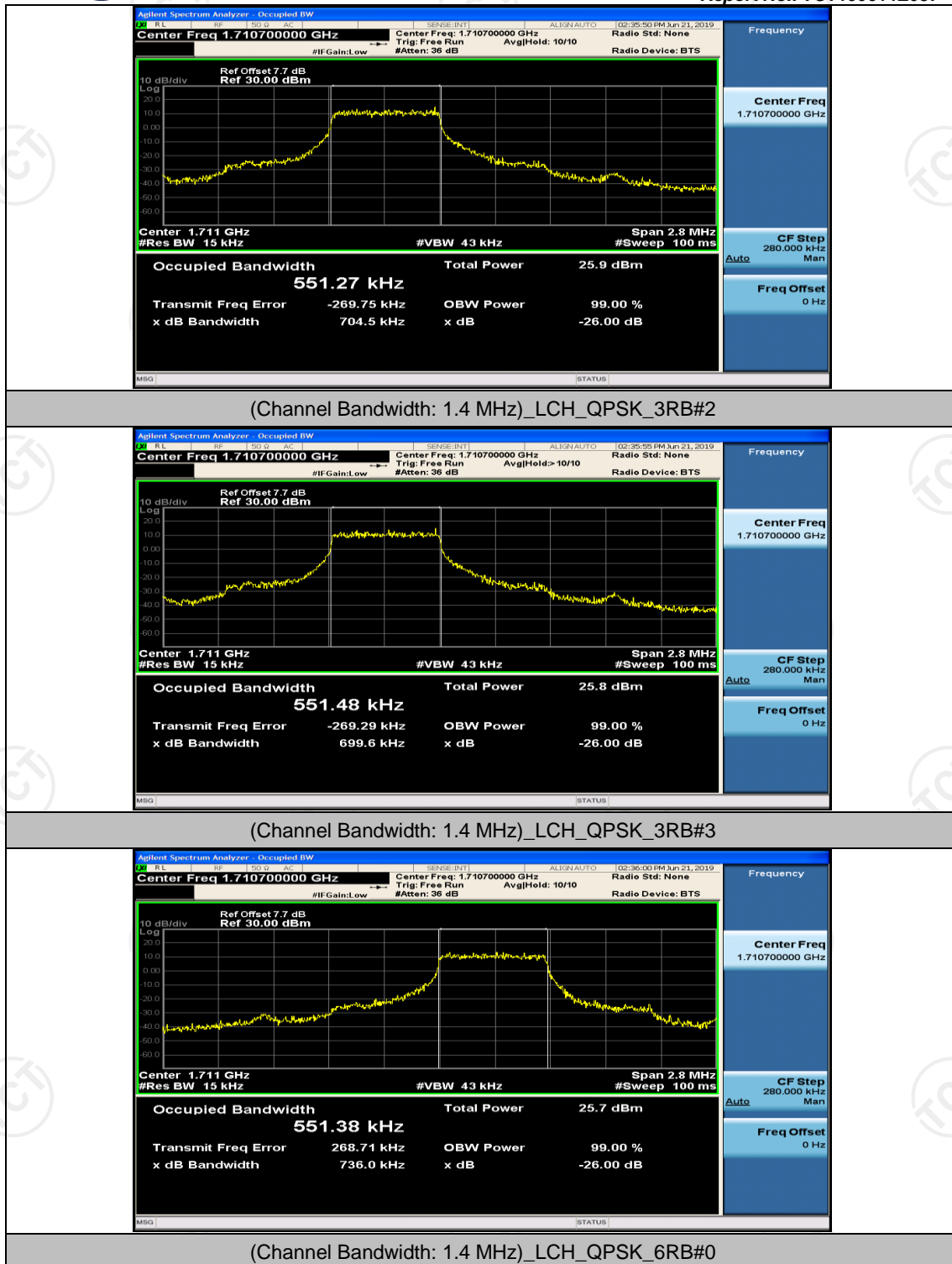
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.61450	0.8766	PASS
		1	50	0.60106	0.8996	PASS
		1	99	0.65551	0.9316	PASS
		50	0	8.9868	9.588	PASS
		50	25	8.9788	9.635	PASS
		50	50	8.9964	9.716	PASS
		100	0	17.892	18.55	PASS
	MCH	1	0	0.62527	0.9006	PASS
		1	50	0.59635	0.8162	PASS
		1	99	0.64636	1.054	PASS
		50	0	9.0001	9.722	PASS
		50	25	9.0088	9.697	PASS
		50	50	9.0078	9.616	PASS
		100	0	17.863	18.64	PASS
	HCH	1	0	0.63844	0.9126	PASS
		1	50	0.59508	0.9069	PASS
		1	99	0.61915	0.8633	PASS
		50	0	8.9915	9.692	PASS
		50	25	8.9990	9.661	PASS
		50	50	8.9878	9.603	PASS
		100	0	17.848	18.60	PASS
16QAM	LCH	1	0	0.64164	0.8765	PASS
		1	50	0.60675	0.9418	PASS
		1	99	0.63772	0.9729	PASS
		50	0	9.0029	9.599	PASS
		50	25	8.9968	9.643	PASS
		50	50	8.9908	9.688	PASS
		100	0	17.882	18.58	PASS
	MCH	1	0	0.63768	0.8279	PASS
		1	50	0.60825	0.8843	PASS
		1	99	0.64054	0.9365	PASS
		50	0	9.0077	9.620	PASS
		50	25	8.9998	9.700	PASS
		50	50	8.9997	9.707	PASS
		100	0	17.877	18.59	PASS
	HCH	1	0	0.66333	0.9785	PASS

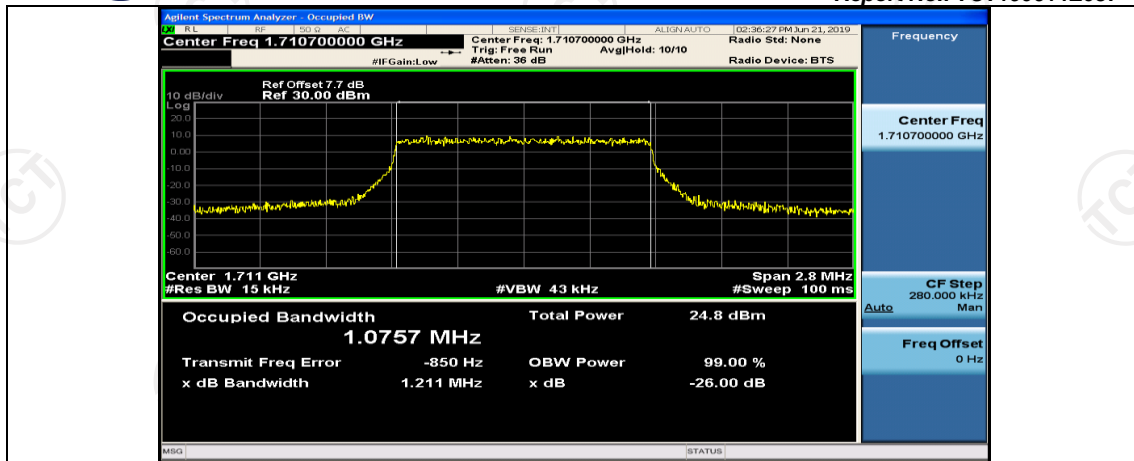
		1	50	0.62276	0.9506	PASS
		1	99	0.67316	1.029	PASS
		50	0	8.9757	9.762	PASS
		50	25	8.9819	9.688	PASS
		50	50	8.9828	9.597	PASS
		100	0	17.854	18.55	PASS

## Test Graphs

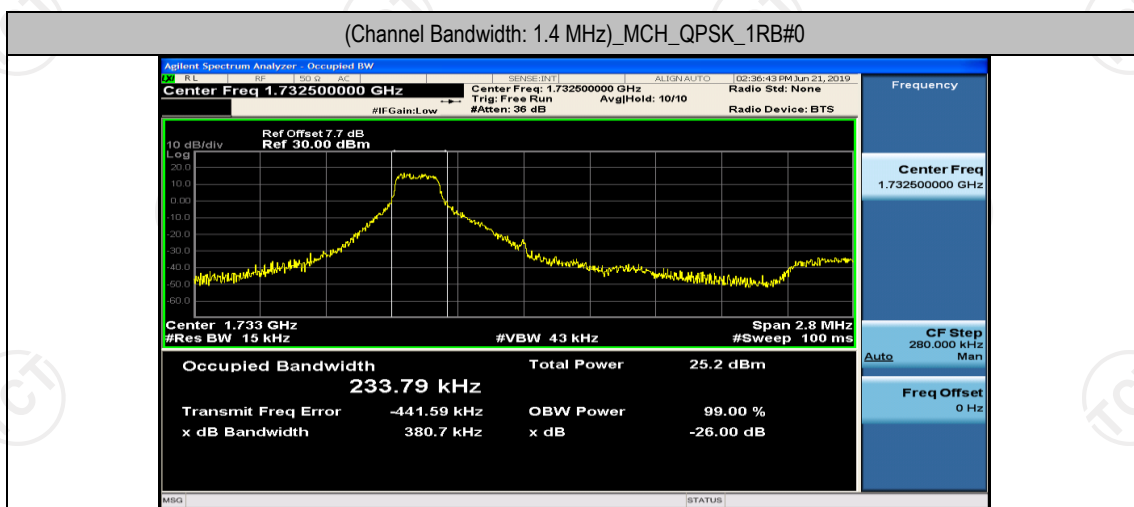
### Channel Bandwidth: 1.4 MHz



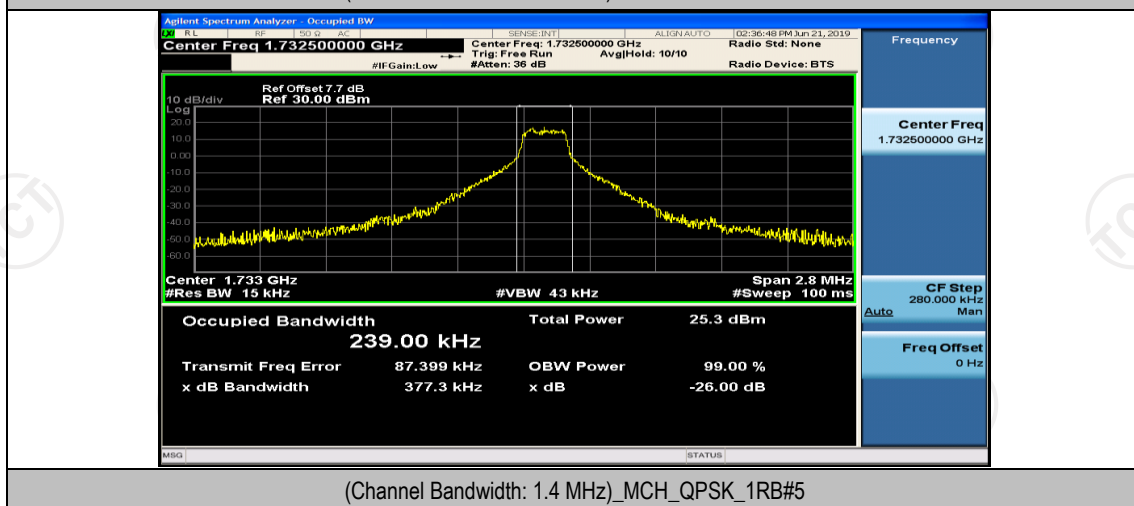




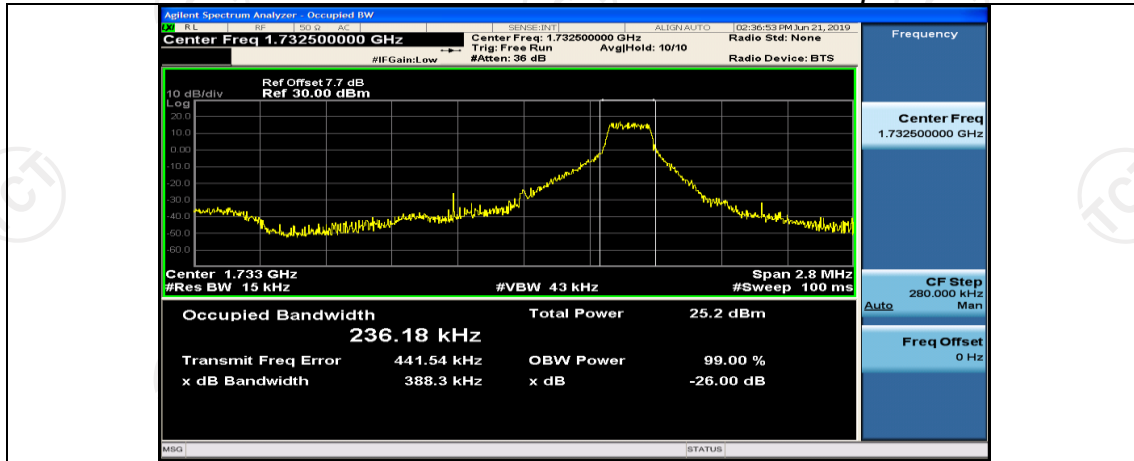
(Channel Bandwidth: 1.4 MHz)\_MCH\_QPSK\_1RB#0



(Channel Bandwidth: 1.4 MHz)\_MCH\_QPSK\_1RB#3



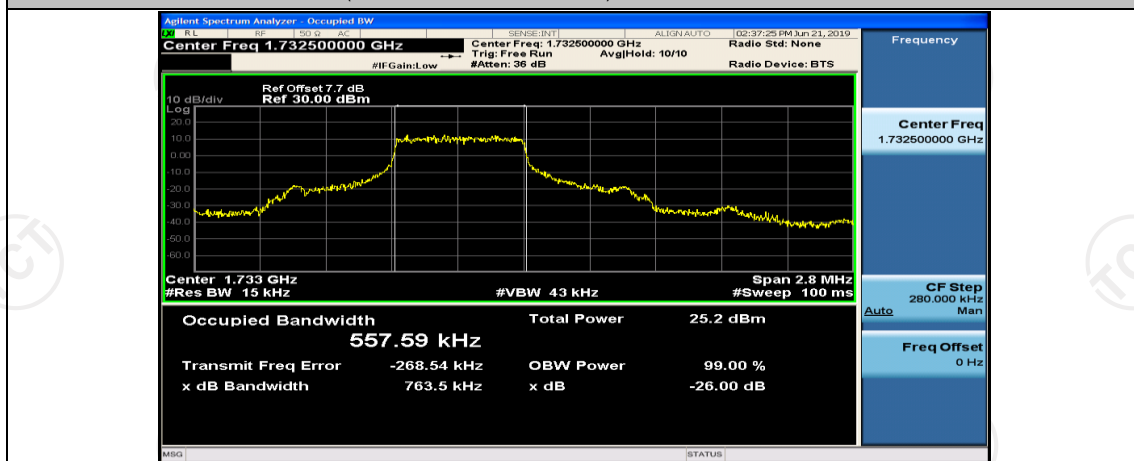
(Channel Bandwidth: 1.4 MHz)\_MCH\_QPSK\_1RB#5



(Channel Bandwidth: 1.4 MHz)\_MCH\_QPSK\_3RB#0

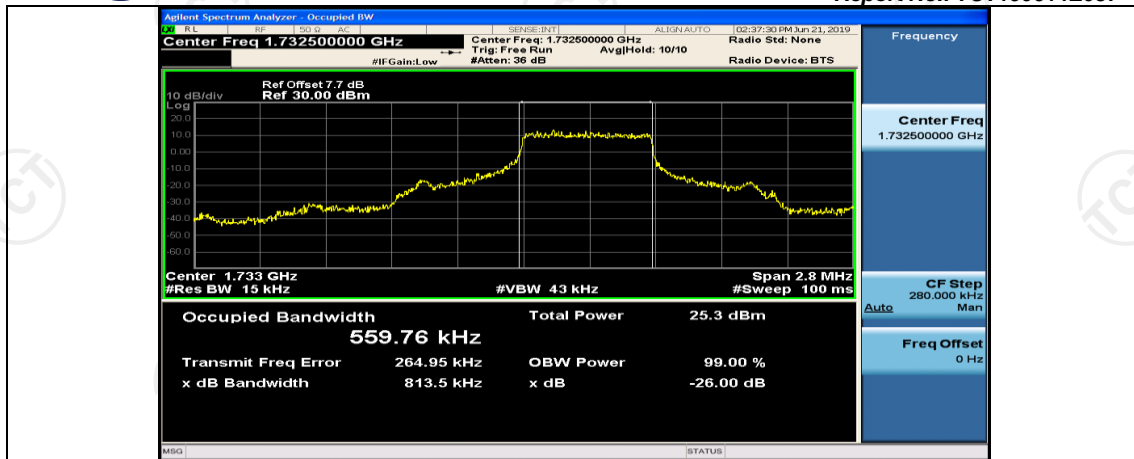


(Channel Bandwidth: 1.4 MHz)\_MCH\_QPSK\_3RB#2

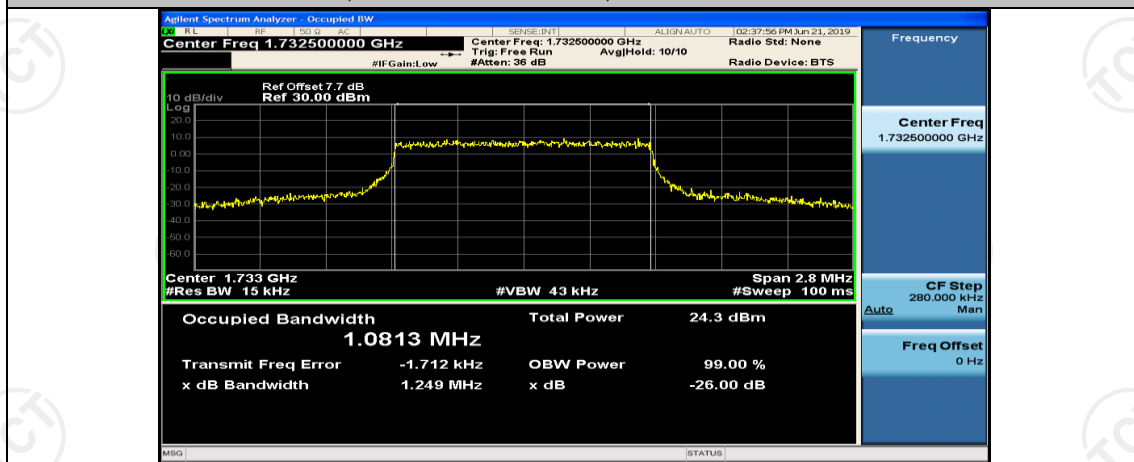


(Channel Bandwidth: 1.4 MHz)\_MCH\_QPSK\_3RB#3

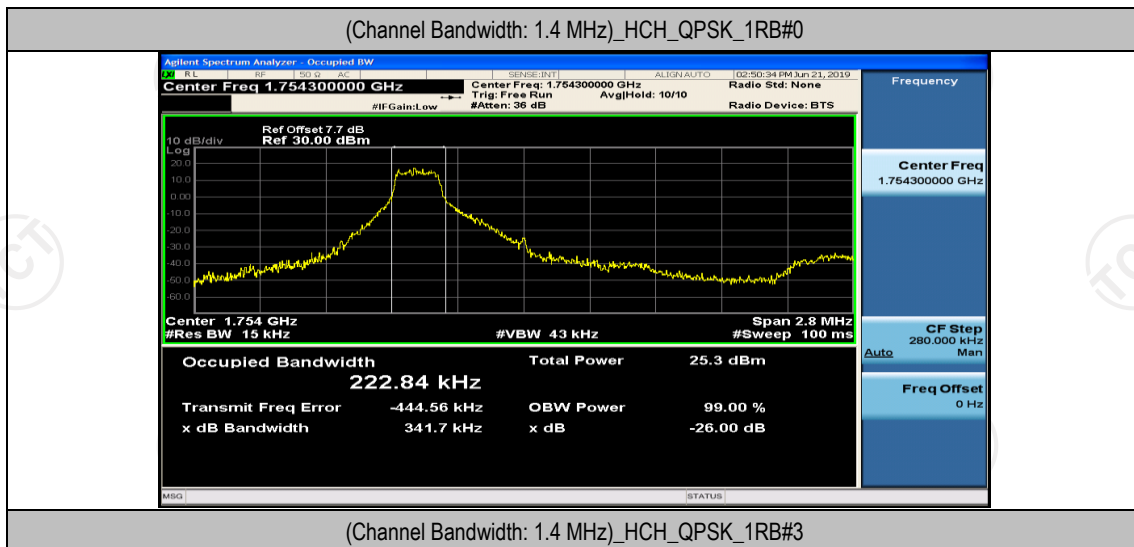




(Channel Bandwidth: 1.4 MHz)\_MCH\_QPSK\_6RB#0



(Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK\_1RB#0



(Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK\_1RB#3