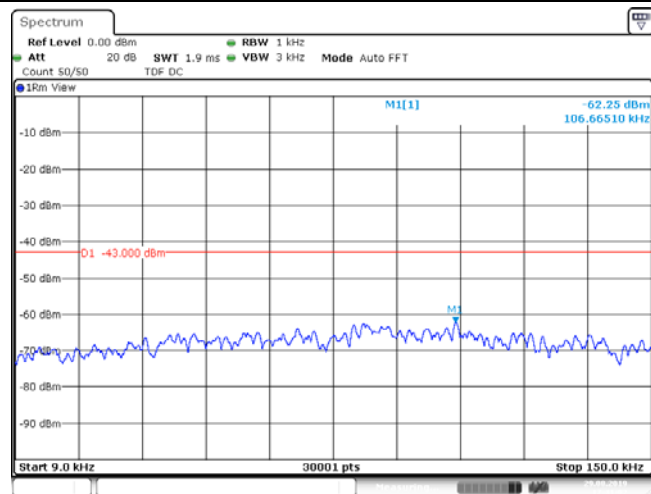


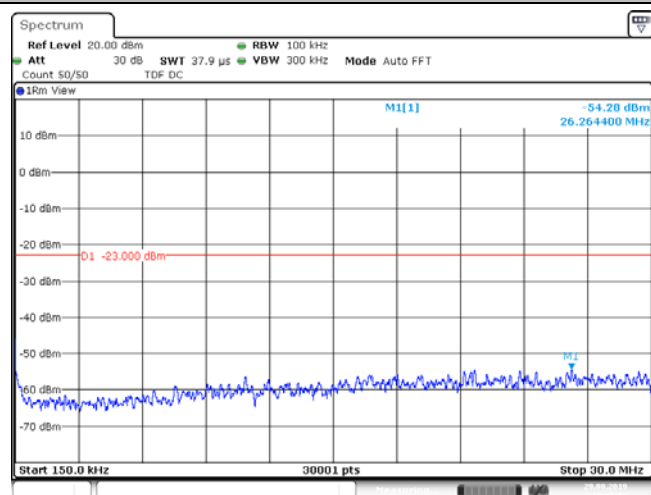
Date: 29.AUG.2019 17:38:59

Band25_10MHz_QPSK_26640_1RB#0



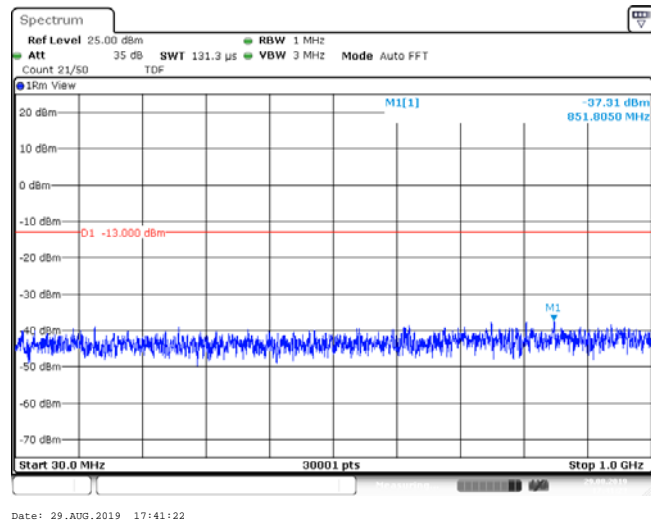
Date: 29.AUG.2019 17:41:01

Band25_10MHz_QPSK_26640_1RB#0

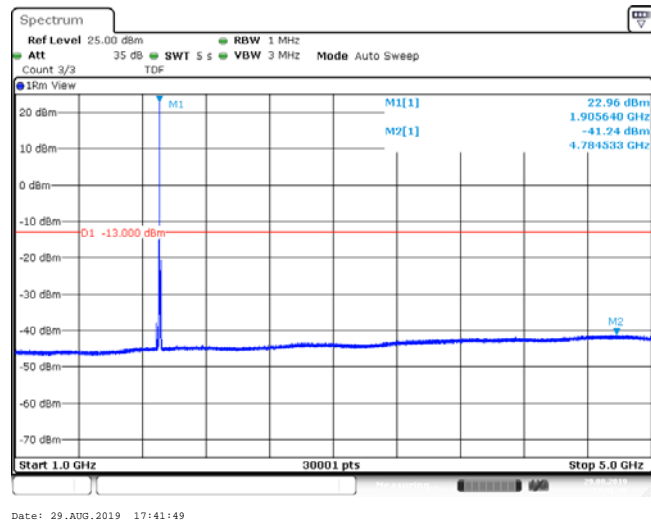


Date: 29.AUG.2019 17:41:11

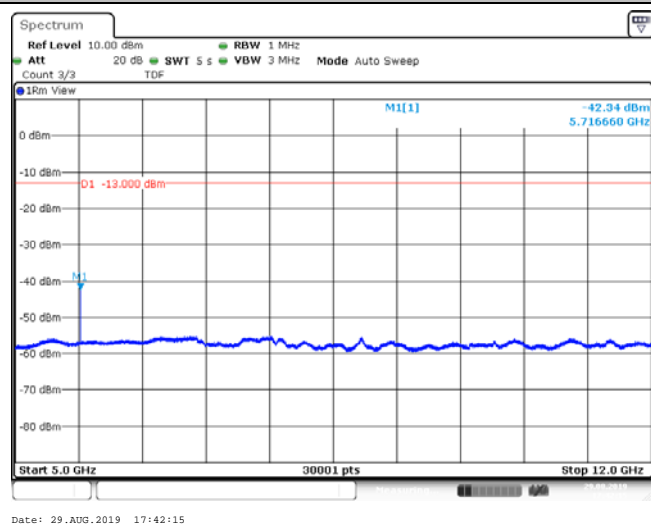
Band25_10MHz_QPSK_26640_1RB#0



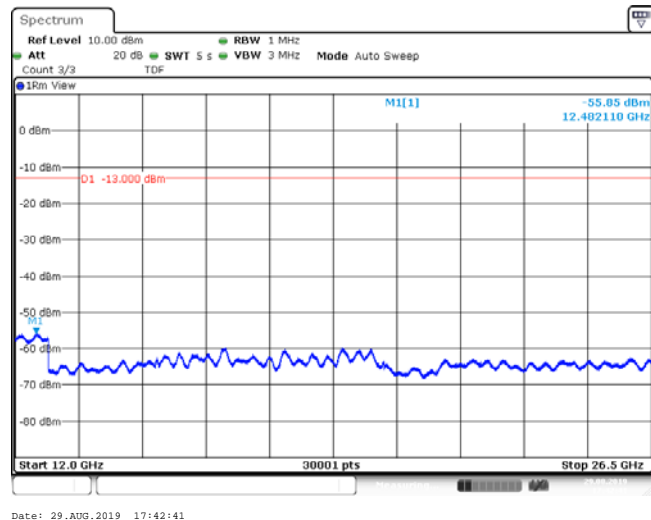
Band25_10MHz_QPSK_26640_1RB#0



Band25_10MHz_QPSK_26640_1RB#0

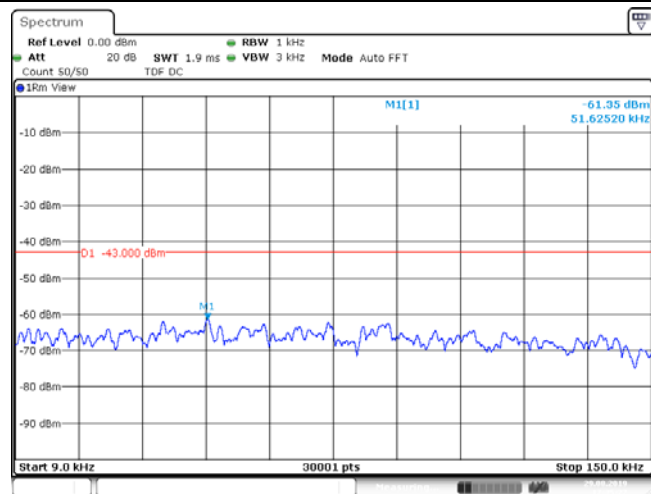


Band25_10MHz_QPSK_26640_1RB#0



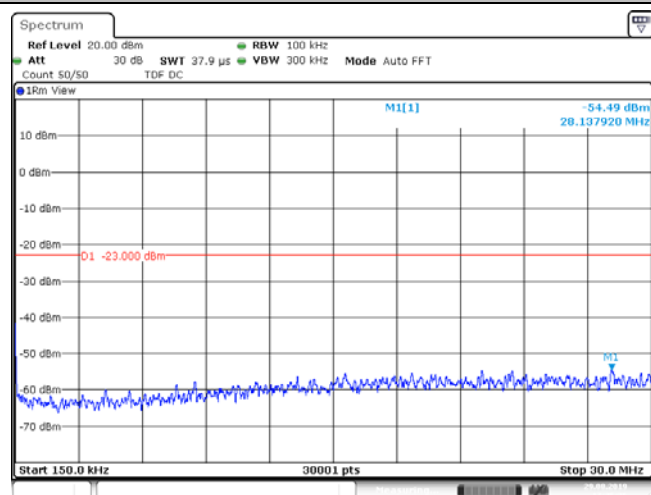
Date: 29.AUG.2019 17:42:41

Band25_10MHz_16QAM_26090_1RB#0



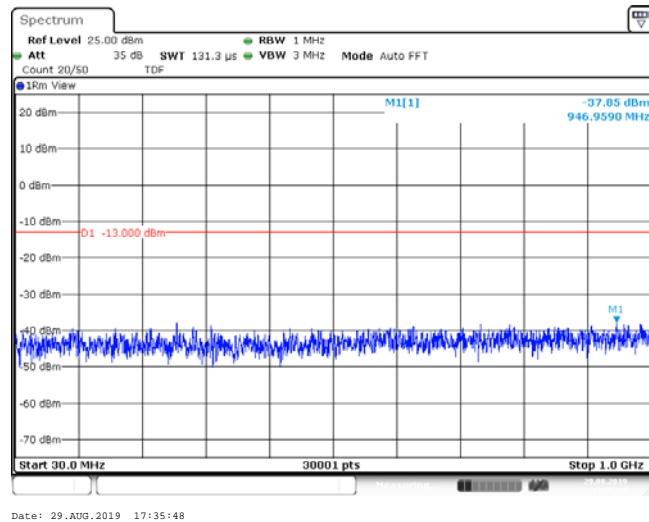
Date: 29.AUG.2019 17:35:27

Band25_10MHz_16QAM_26090_1RB#0



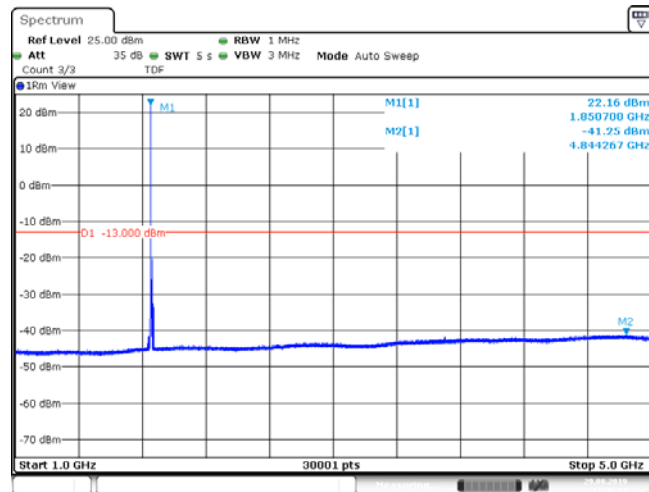
Date: 29.AUG.2019 17:35:36

Band25_10MHz_16QAM_26090_1RB#0



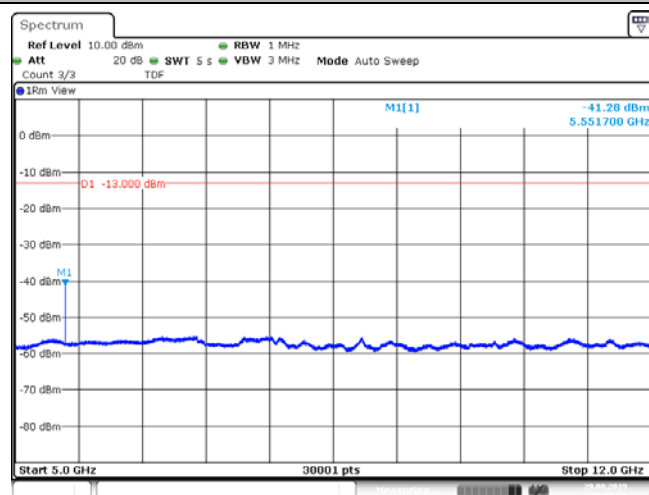
Date: 29.AUG.2019 17:35:48

Band25_10MHz_16QAM_26090_1RB#0



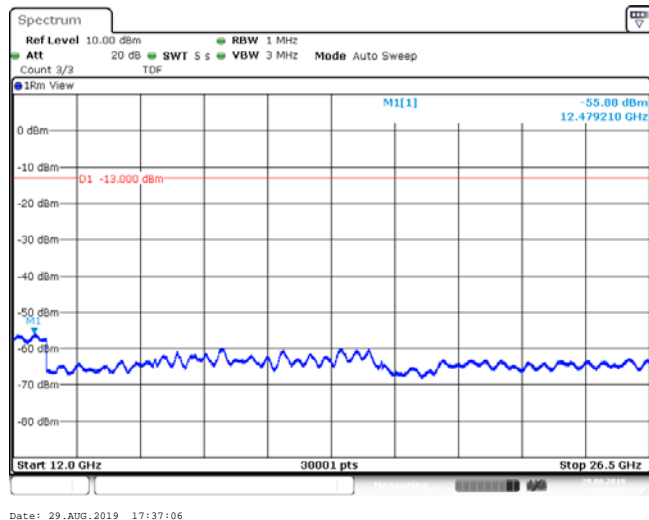
Date: 29.AUG.2019 17:36:14

Band25_10MHz_16QAM_26090_1RB#0



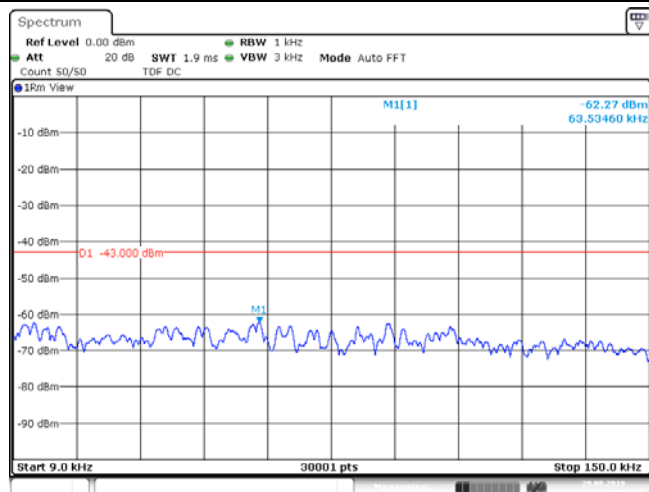
Date: 29.AUG.2019 17:36:40

Band25_10MHz_16QAM_26090_1RB#0



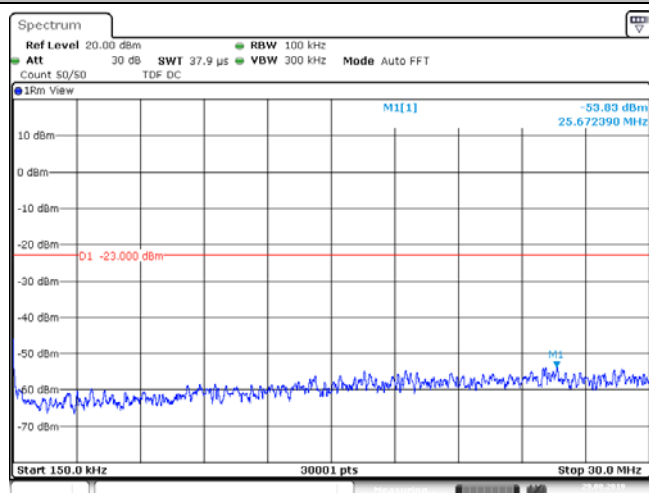
Date: 29.AUG.2019 17:37:06

Band25_10MHz_16QAM_26365_1RB#0



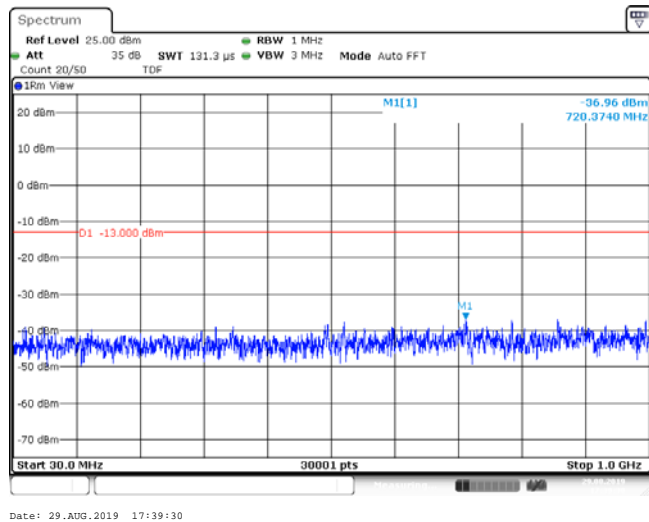
Date: 29.AUG.2019 17:39:09

Band25_10MHz_16QAM_26365_1RB#0

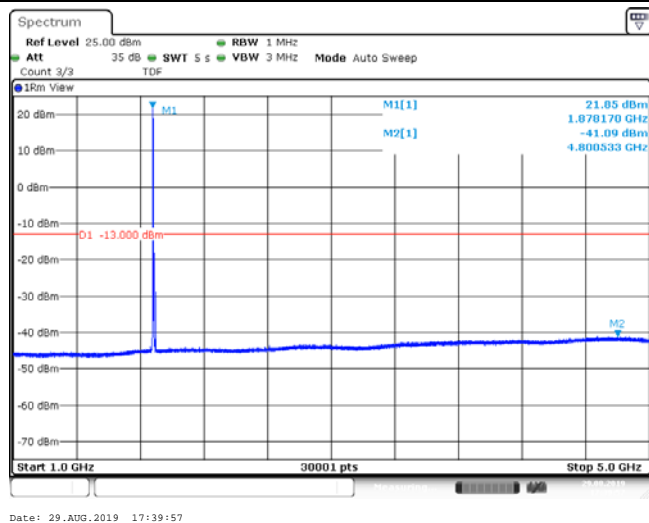


Date: 29.AUG.2019 17:39:19

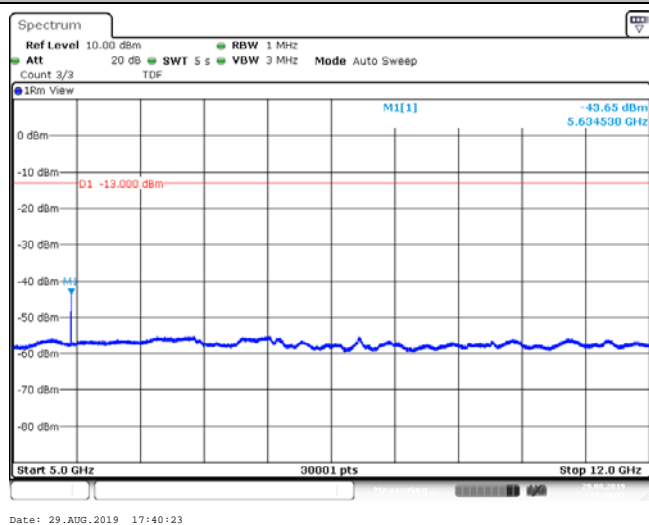
Band25_10MHz_16QAM_26365_1RB#0



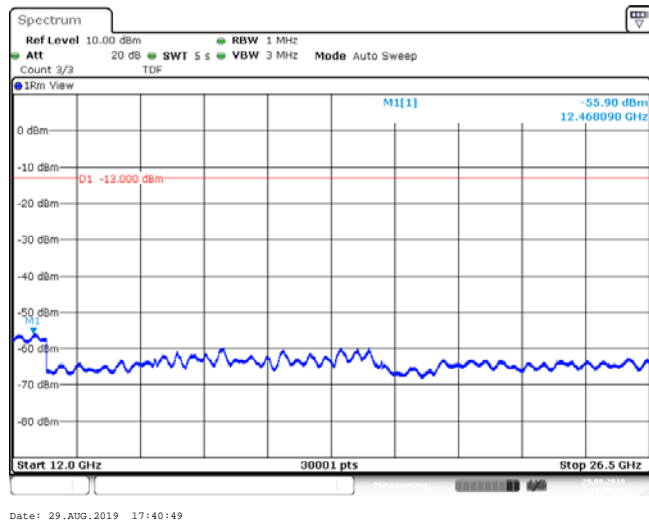
Band25_10MHz_16QAM_26365_1RB#0



Band25_10MHz_16QAM_26365_1RB#0

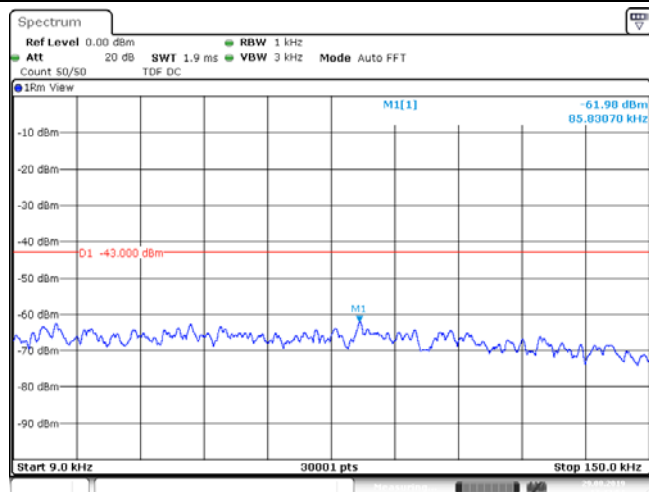


Band25_10MHz_16QAM_26365_1RB#0



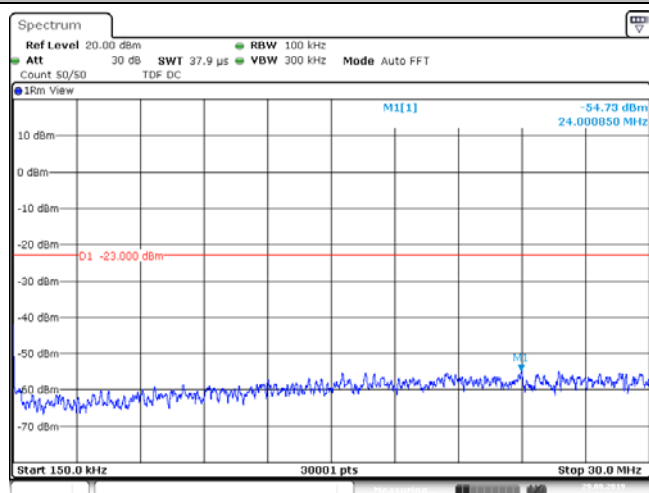
Date: 29.AUG.2019 17:40:49

Band25_10MHz_16QAM_26640_1RB#0



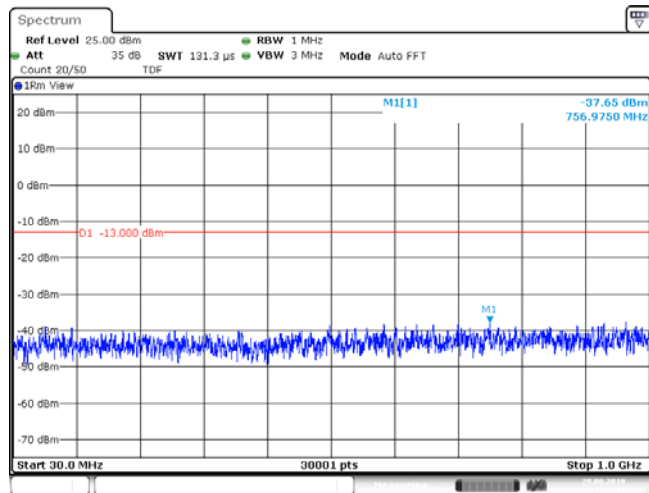
Date: 29.AUG.2019 17:42:51

Band25_10MHz_16QAM_26640_1RB#0



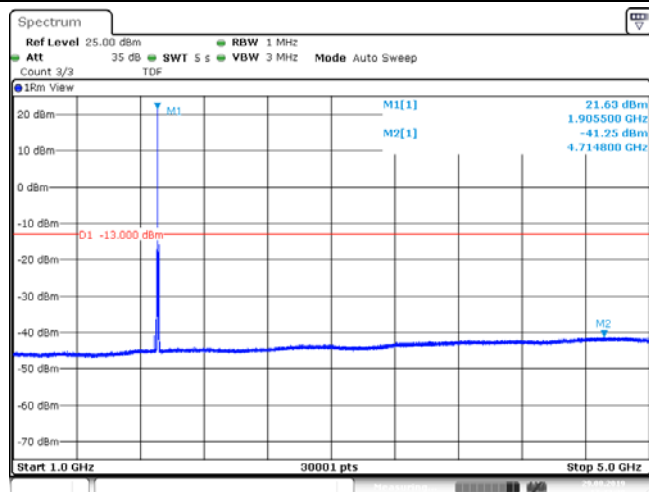
Date: 29.AUG.2019 17:43:01

Band25_10MHz_16QAM_26640_1RB#0



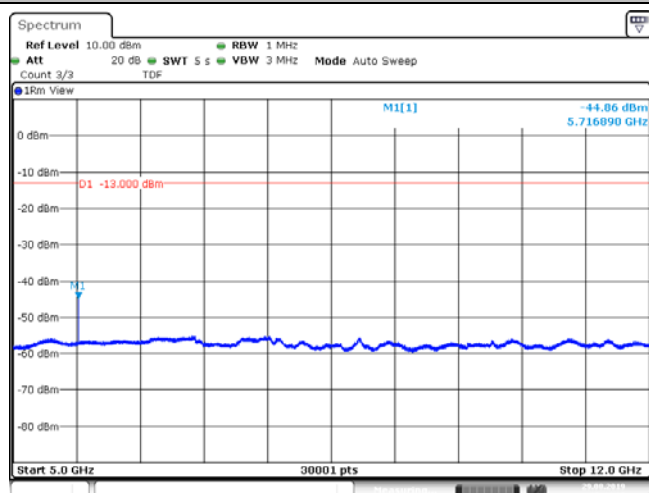
Date: 29.AUG.2019 17:43:12

Band25_10MHz_16QAM_26640_1RB#0



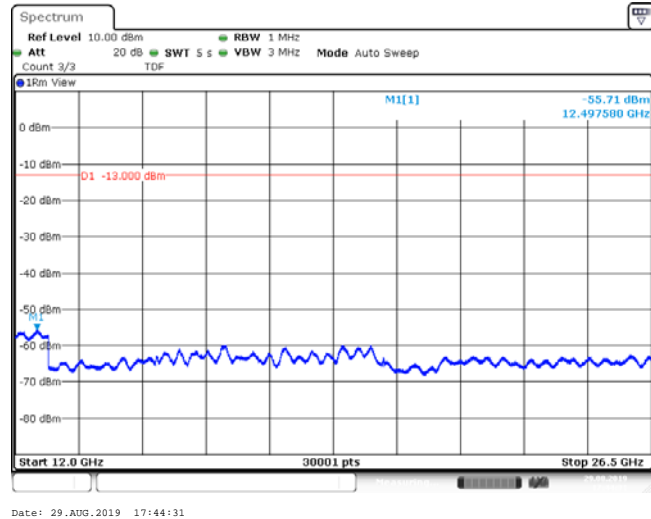
Date: 29.AUG.2019 17:43:39

Band25_10MHz_16QAM_26640_1RB#0



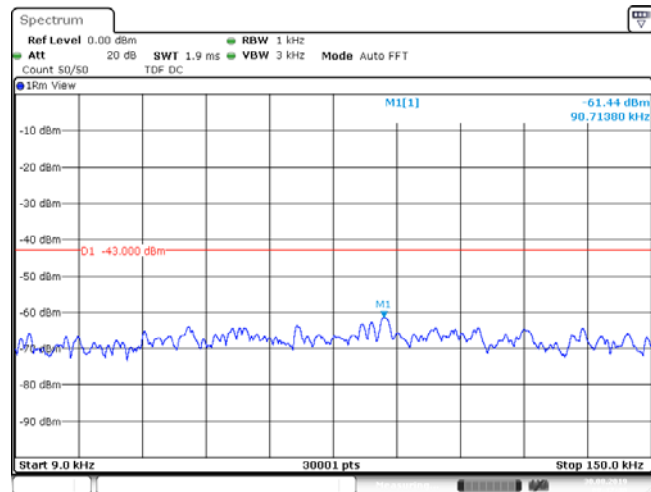
Date: 29.AUG.2019 17:44:05

Band25_10MHz_16QAM_26640_1RB#0



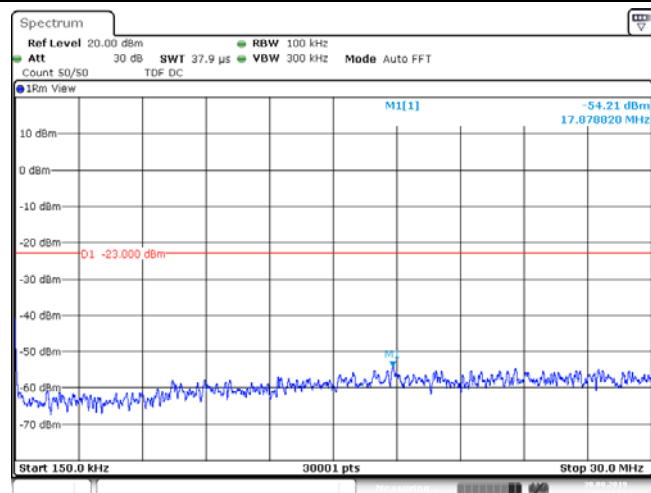
Date: 29.AUG.2019 17:44:31

Band25_15MHz_QPSK_26115_1RB#0



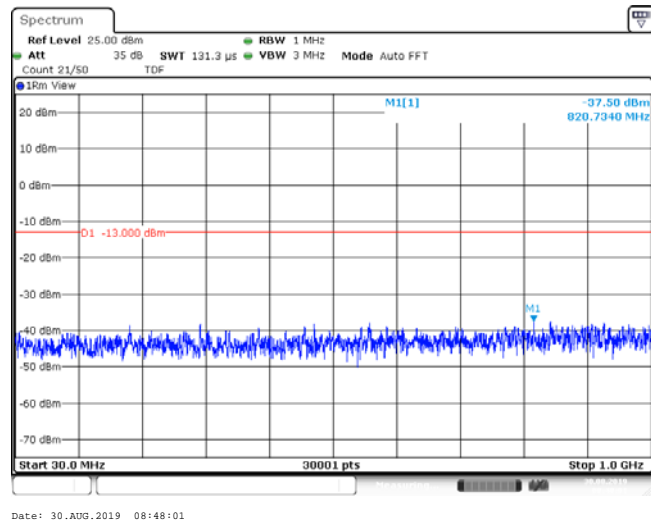
Date: 30.AUG.2019 08:47:40

Band25_15MHz_QPSK_26115_1RB#0



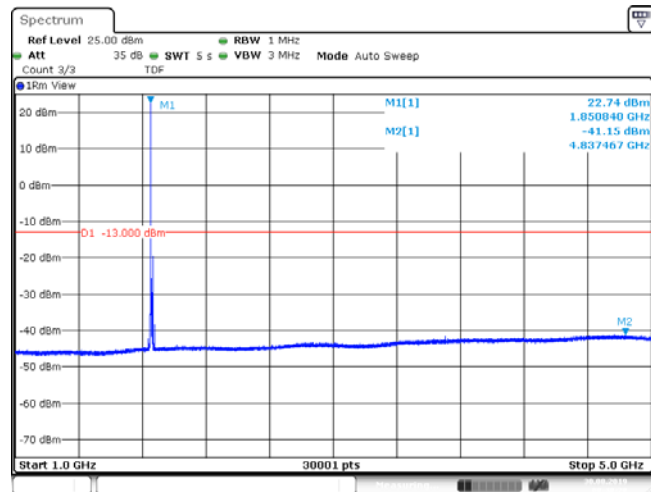
Date: 30.AUG.2019 08:47:50

Band25_15MHz_QPSK_26115_1RB#0



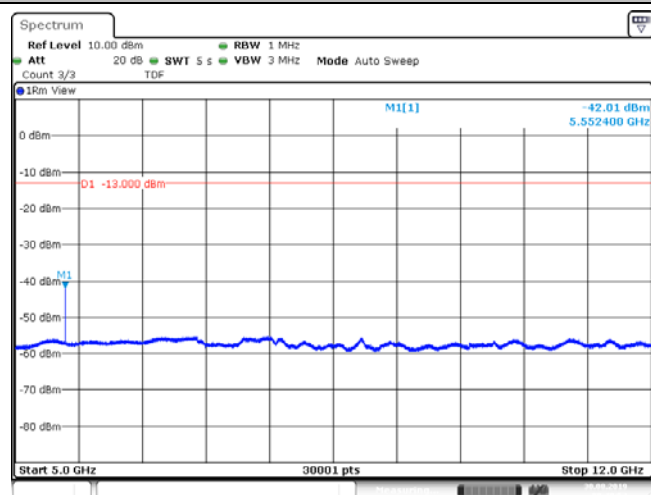
Date: 30.AUG.2019 08:48:01

Band25_15MHz_QPSK_26115_1RB#0



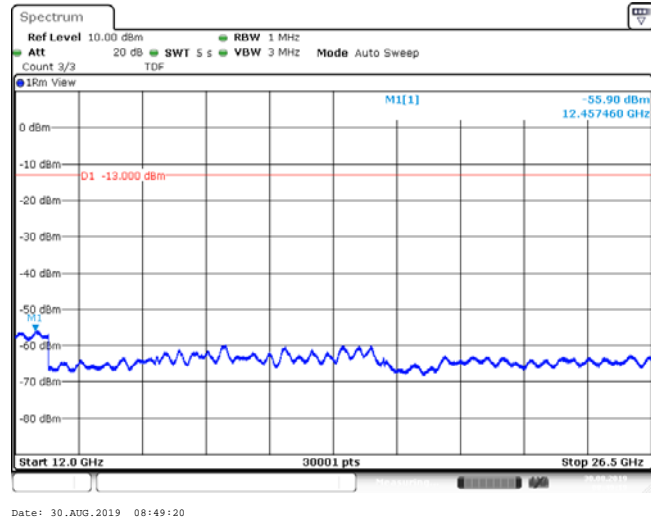
Date: 30.AUG.2019 08:48:28

Band25_15MHz_QPSK_26115_1RB#0



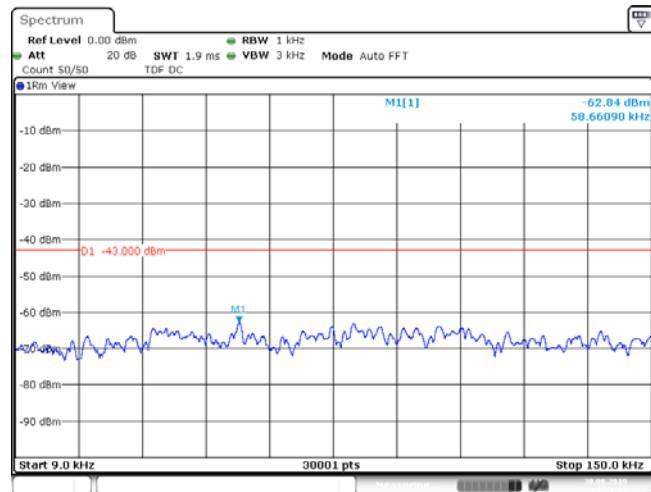
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Band25_15MHz_QPSK_26115_1RB#0



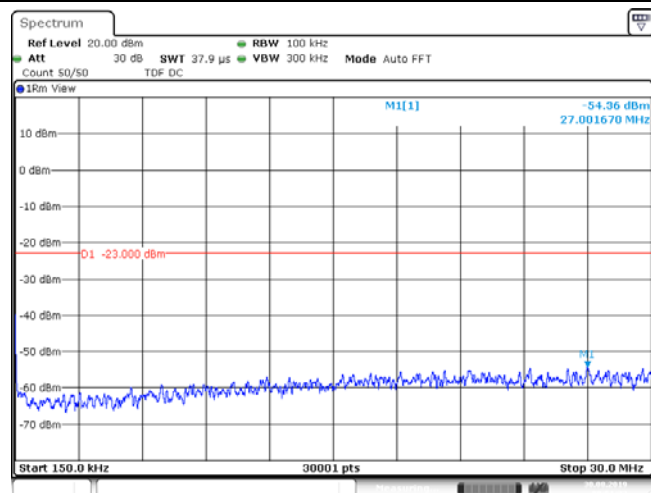
Date: 30.AUG.2019 08:49:20

Band25_15MHz_QPSK_26365_1RB#0



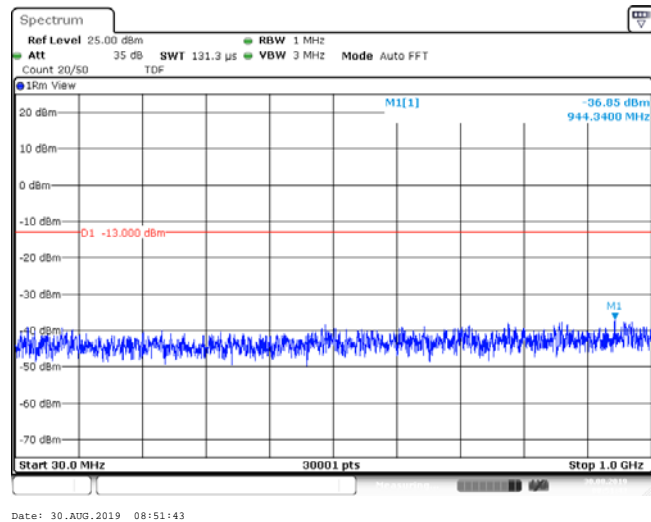
Date: 30.AUG.2019 08:51:22

Band25_15MHz_QPSK_26365_1RB#0



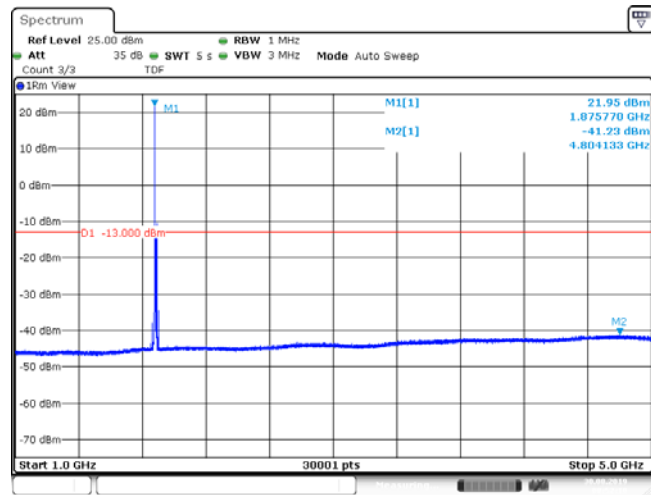
Date: 30.AUG.2019 08:51:32

Band25_15MHz_QPSK_26365_1RB#0



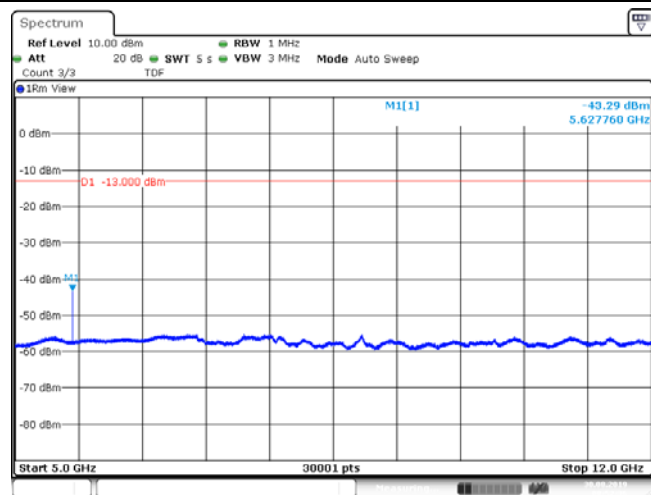
Date: 30.AUG.2019 08:51:43

Band25_15MHz_QPSK_26365_1RB#0



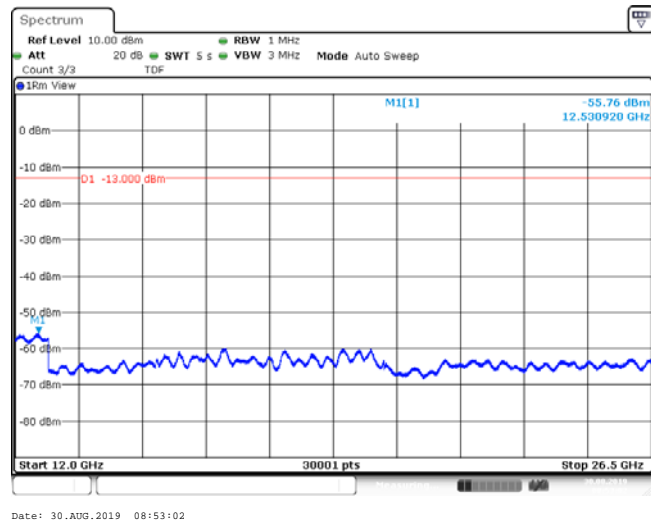
Date: 30.AUG.2019 08:52:10

Band25_15MHz_QPSK_26365_1RB#0



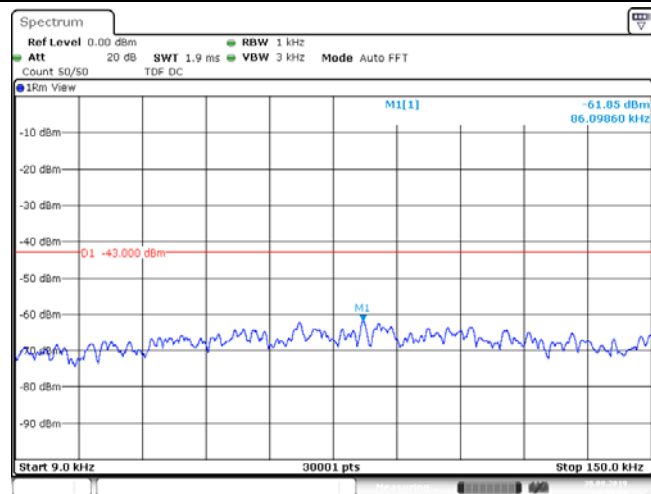
Date: 30.AUG.2019 08:52:36

Band25_15MHz_QPSK_26365_1RB#0



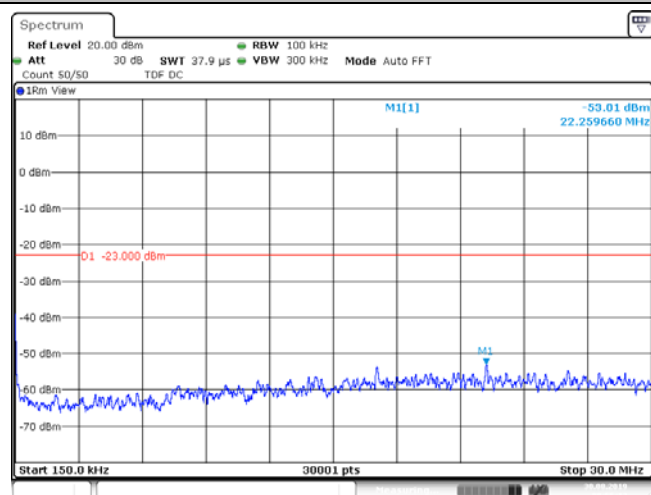
Date: 30.AUG.2019 08:53:02

Band25_15MHz_QPSK_26615_1RB#0



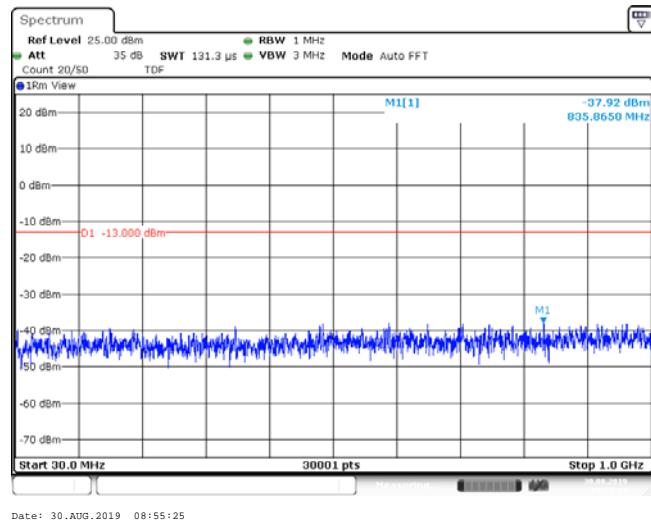
Date: 30.AUG.2019 08:55:04

Band25_15MHz_QPSK_26615_1RB#0



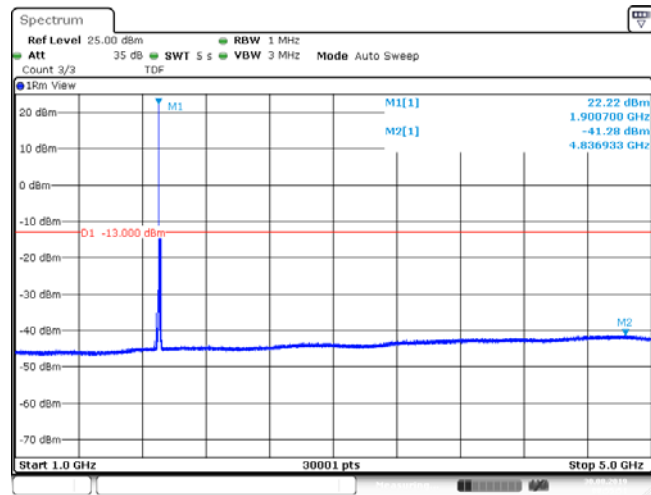
Date: 30.AUG.2019 08:55:13

Band25_15MHz_QPSK_26615_1RB#0



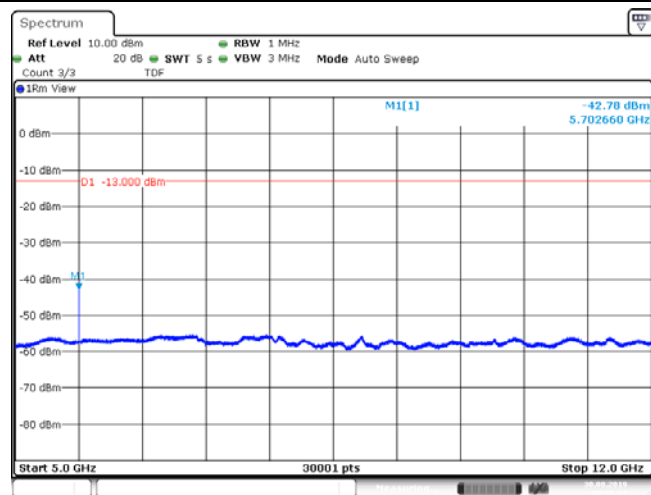
Date: 30.AUG.2019 08:55:25

Band25_15MHz_QPSK_26615_1RB#0



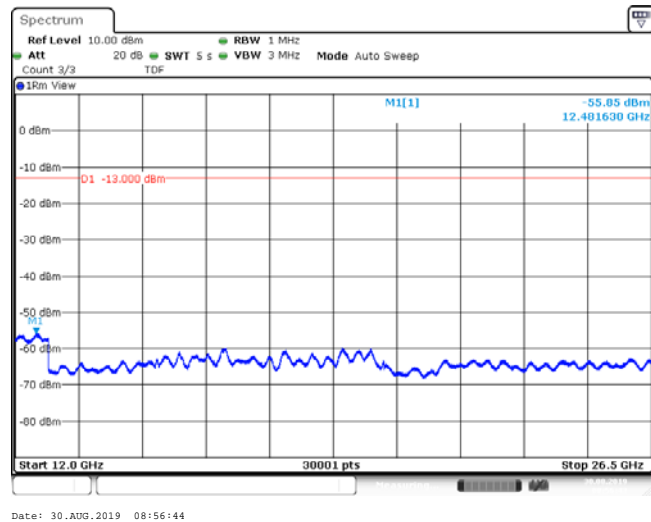
Date: 30.AUG.2019 08:55:52

Band25_15MHz_QPSK_26615_1RB#0



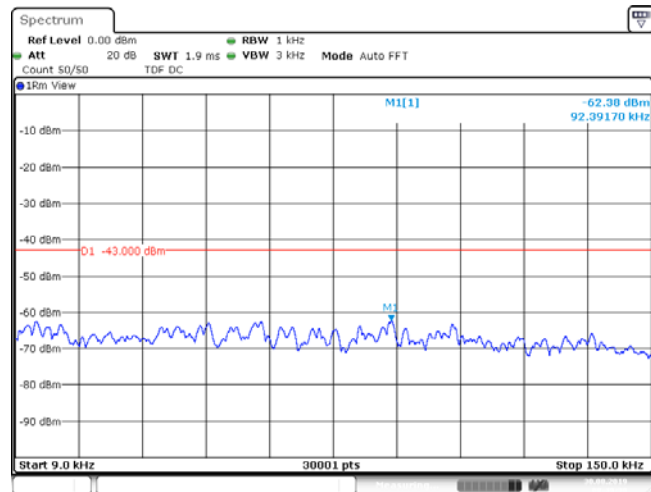
Date: 30.AUG.2019 08:56:18

Band25_15MHz_QPSK_26615_1RB#0



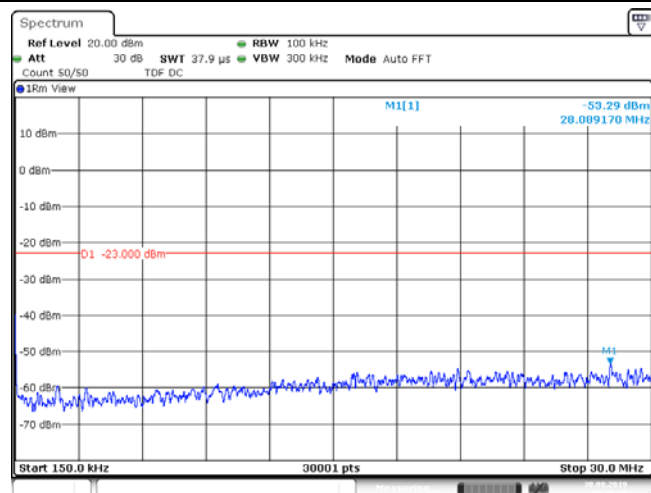
Date: 30.AUG.2019 08:56:44

Band25_15MHz_16QAM_26115_1RB#0



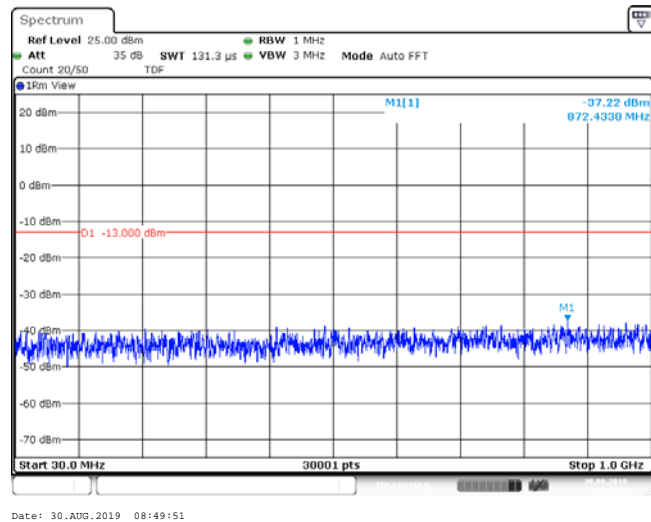
Date: 30.AUG.2019 08:49:30

Band25_15MHz_16QAM_26115_1RB#0

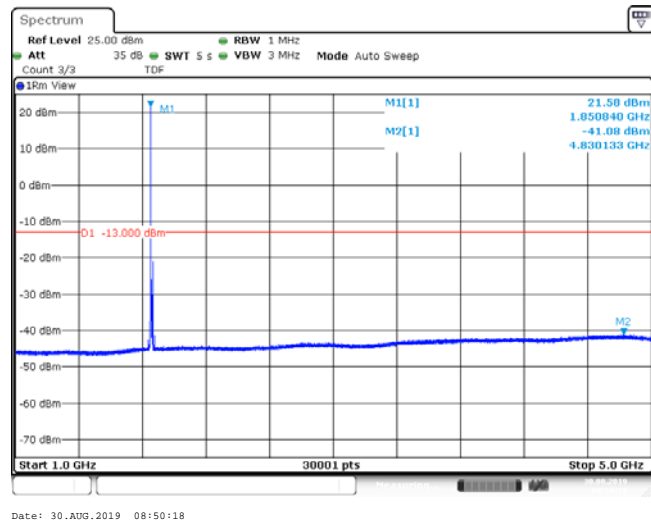


Date: 30.AUG.2019 08:49:39

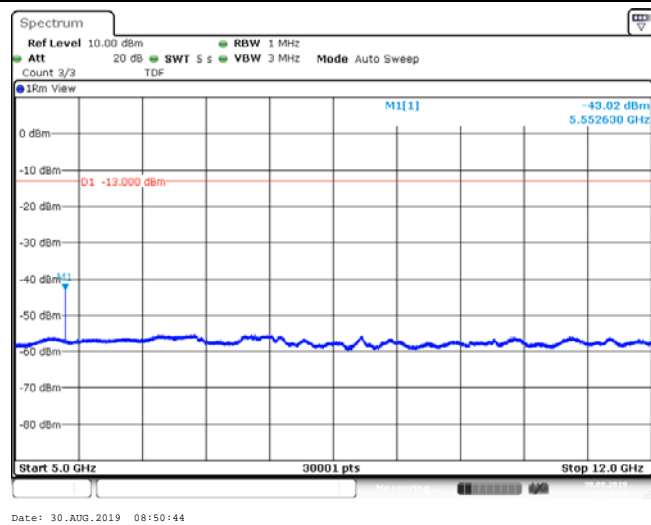
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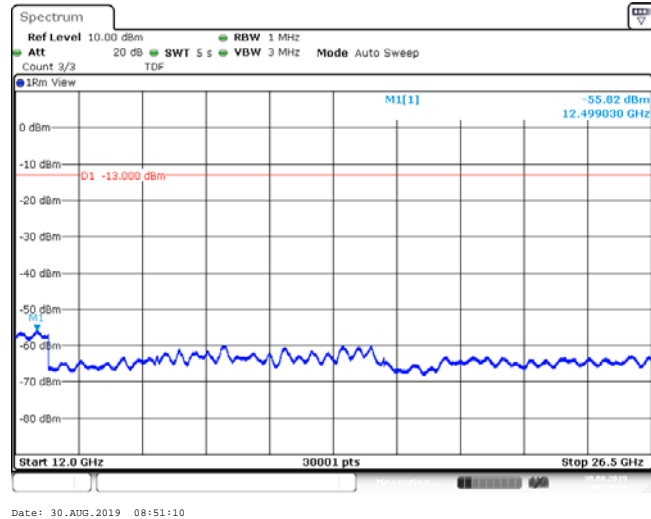
Band25_15MHz_16QAM_26115_1RB#0



Band25_15MHz_16QAM_26115_1RB#0

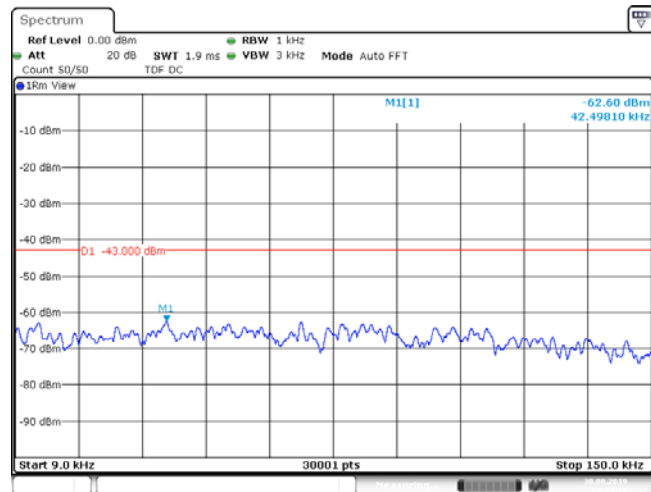


Band25_15MHz_16QAM_26115_1RB#0



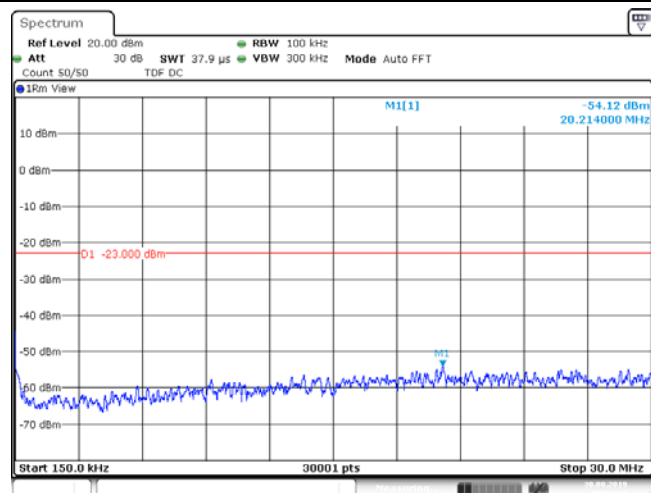
Date: 30.AUG.2019 08:51:10

Band25_15MHz_16QAM_26365_1RB#0



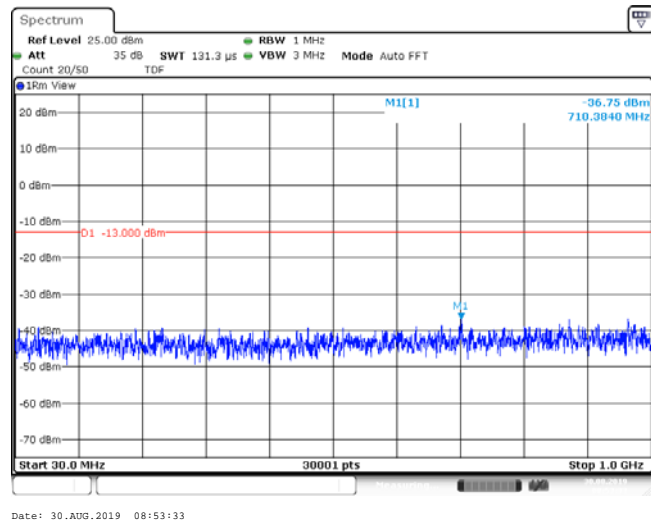
Date: 30.AUG.2019 08:53:12

Band25_15MHz_16QAM_26365_1RB#0

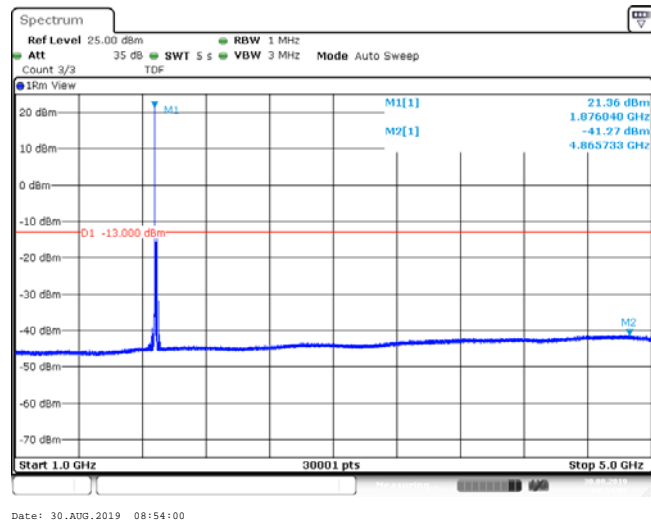


Date: 30.AUG.2019 08:53:21

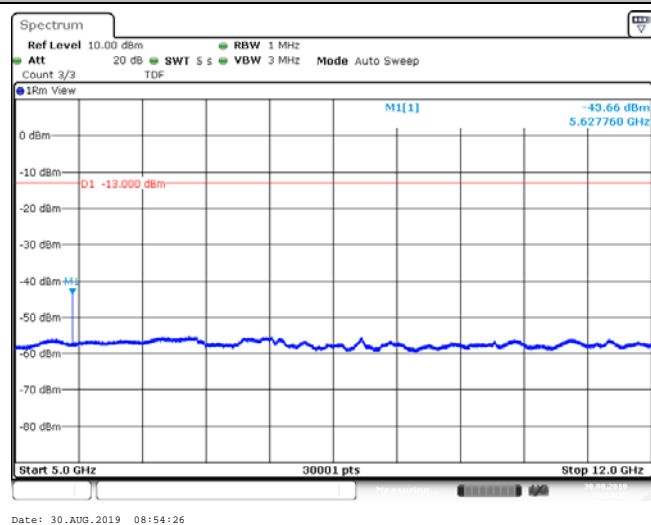
Band25_15MHz_16QAM_26365_1RB#0



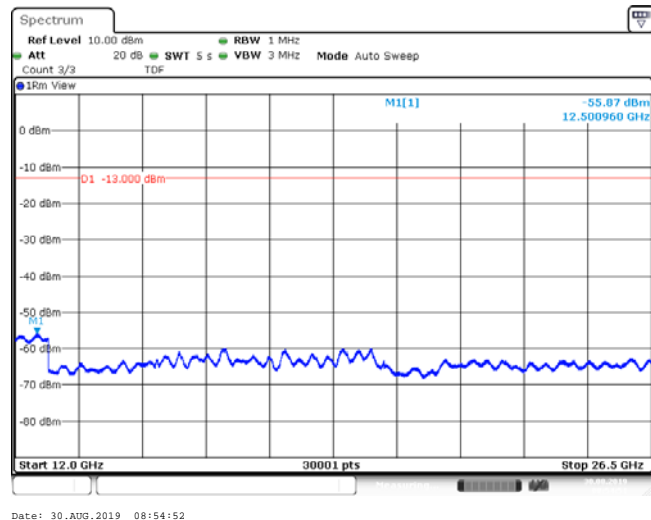
Band25_15MHz_16QAM_26365_1RB#0



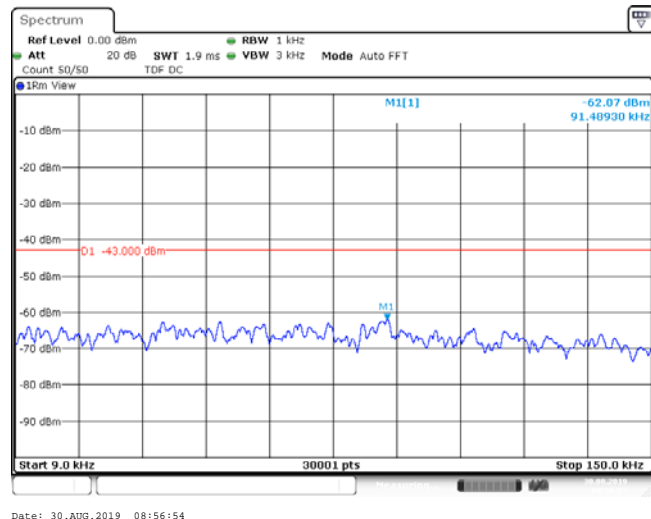
Band25_15MHz_16QAM_26365_1RB#0



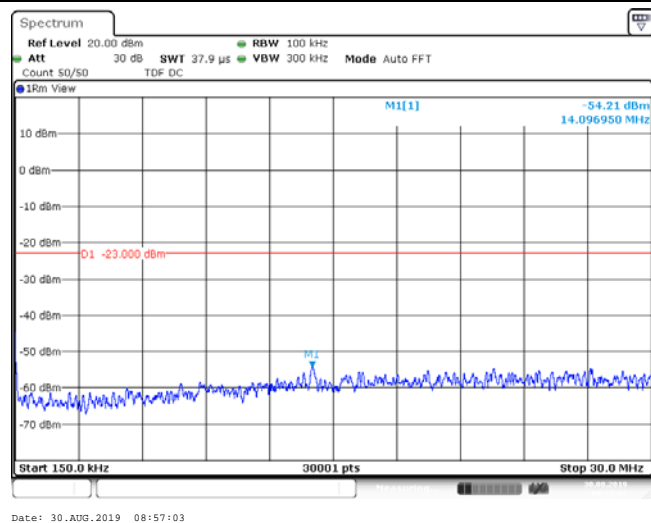
Band25_15MHz_16QAM_26365_1RB#0



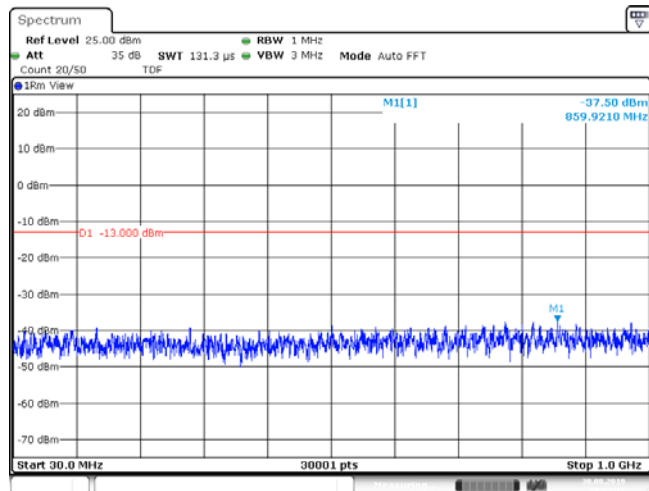
Band25_15MHz_16QAM_26615_1RB#0



Band25_15MHz_16QAM_26615_1RB#0

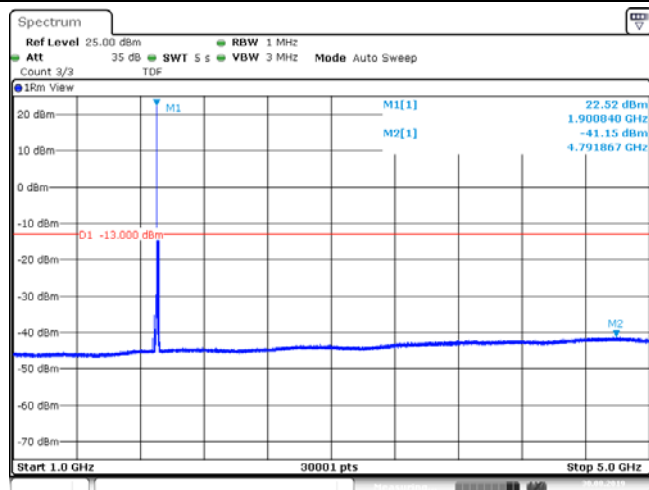


Band25_15MHz_16QAM_26615_1RB#0



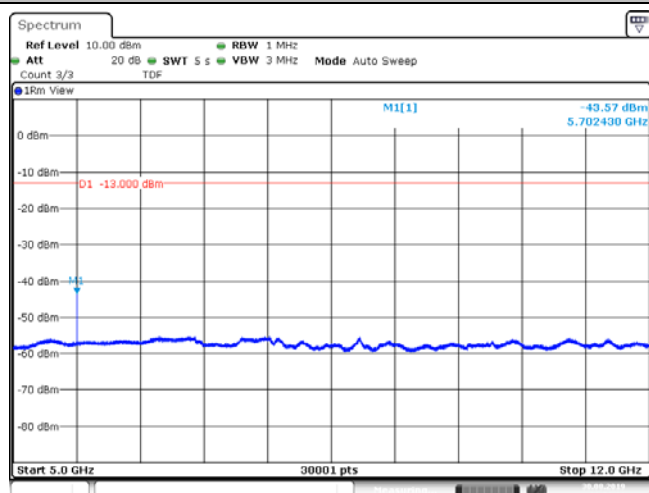
Date: 30.AUG.2019 08:57:14

Band25_15MHz_16QAM_26615_1RB#0



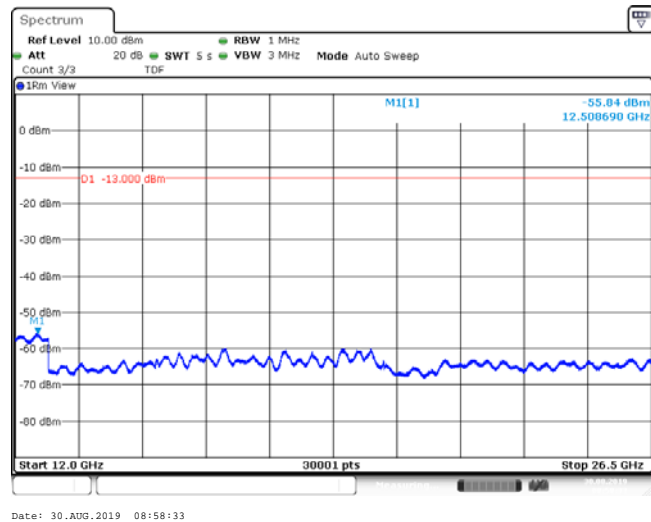
Date: 30.AUG.2019 08:57:41

Band25_15MHz_16QAM_26615_1RB#0



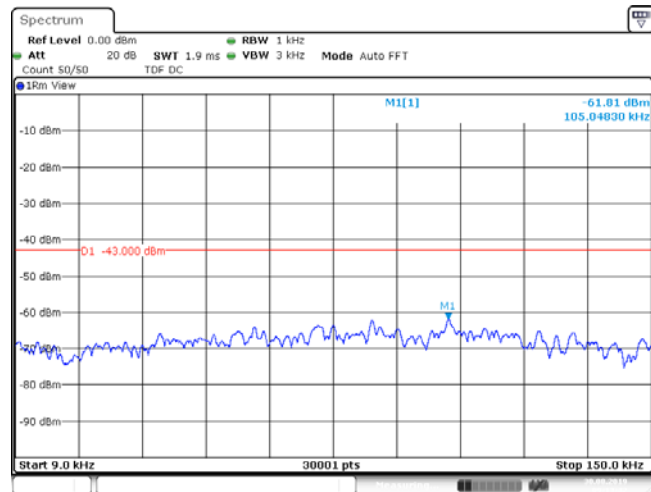
Date: 30.AUG.2019 08:58:07

Band25_15MHz_16QAM_26615_1RB#0



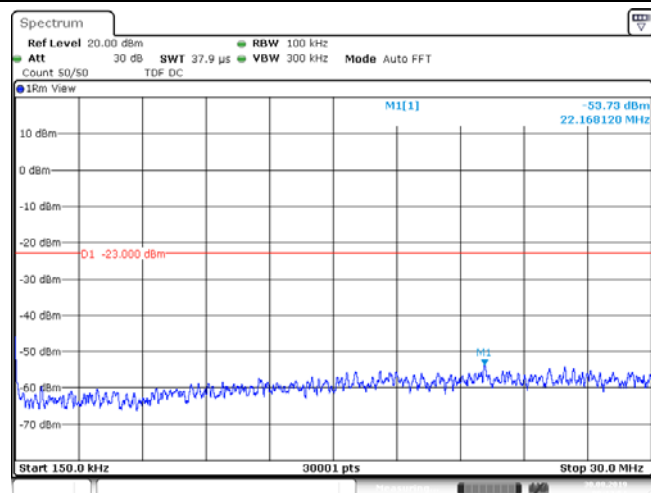
Date: 30.AUG.2019 08:58:33

Band25_20MHz_QPSK_26140_1RB#0



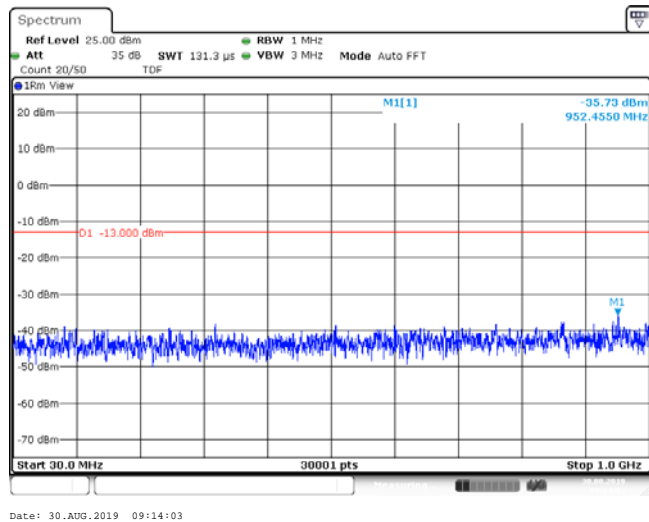
Date: 30.AUG.2019 09:13:42

Band25_20MHz_QPSK_26140_1RB#0



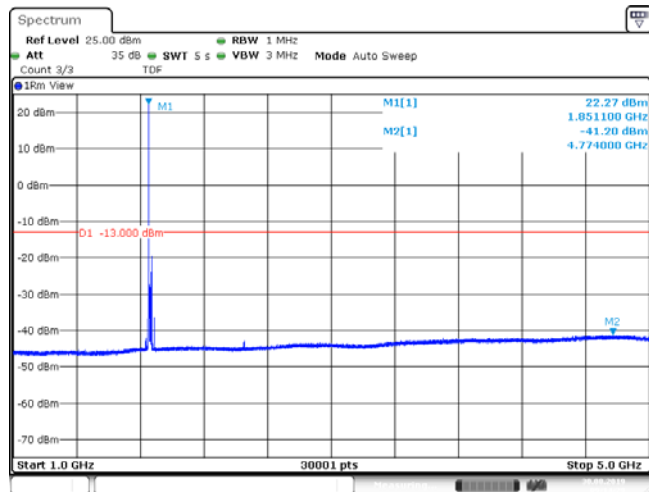
Date: 30.AUG.2019 09:13:51

Band25_20MHz_QPSK_26140_1RB#0



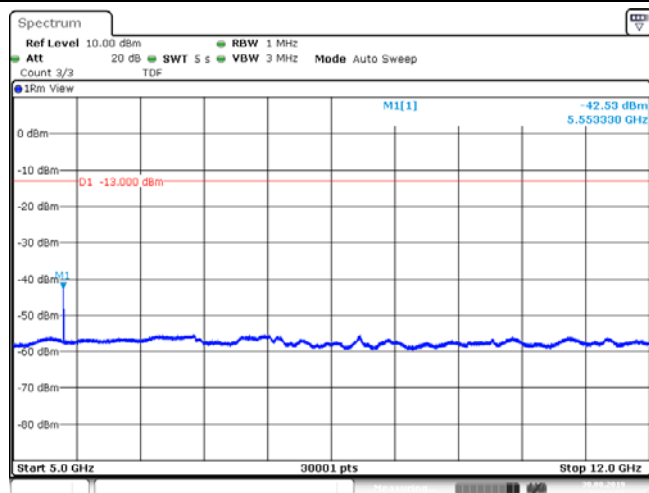
Date: 30.AUG.2019 09:14:03

Band25_20MHz_QPSK_26140_1RB#0



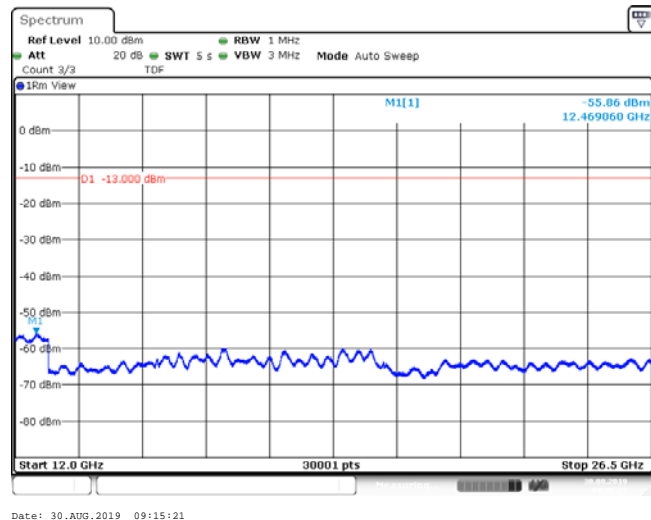
Date: 30.AUG.2019 09:14:29

Band25_20MHz_QPSK_26140_1RB#0



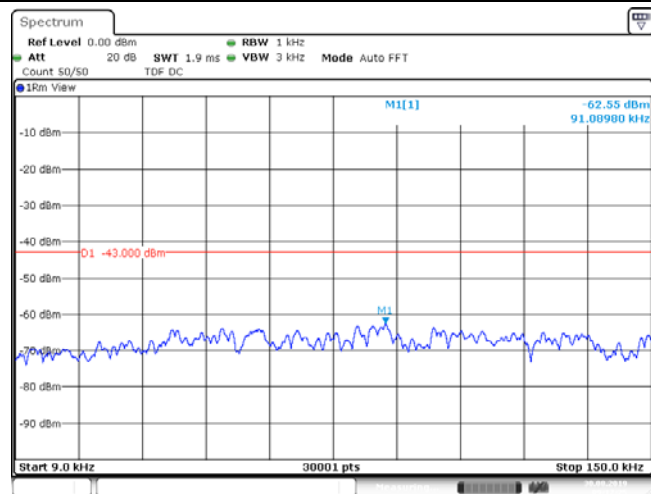
Date: 30.AUG.2019 09:14:55

Band25_20MHz_QPSK_26140_1RB#0



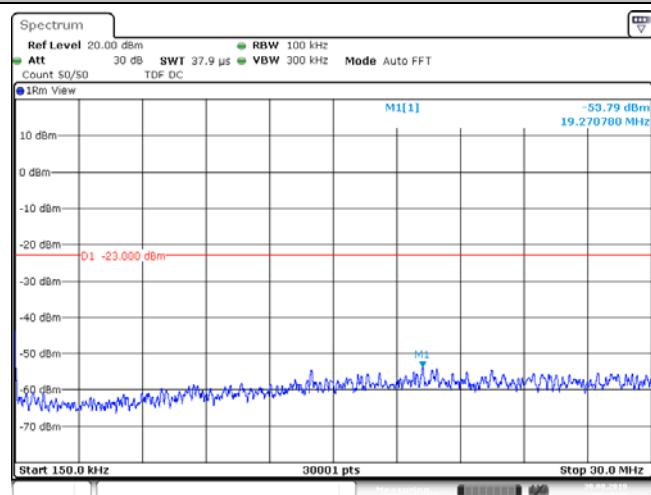
Date: 30.AUG.2019 09:15:21

Band25_20MHz_QPSK_26365_1RB#0



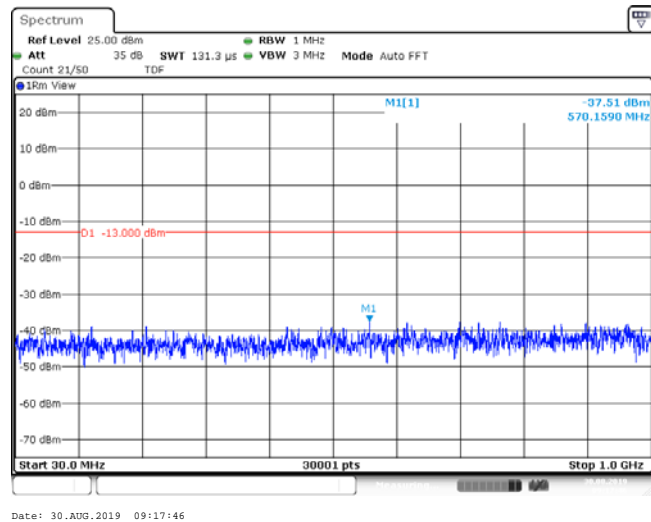
Date: 30.AUG.2019 09:17:25

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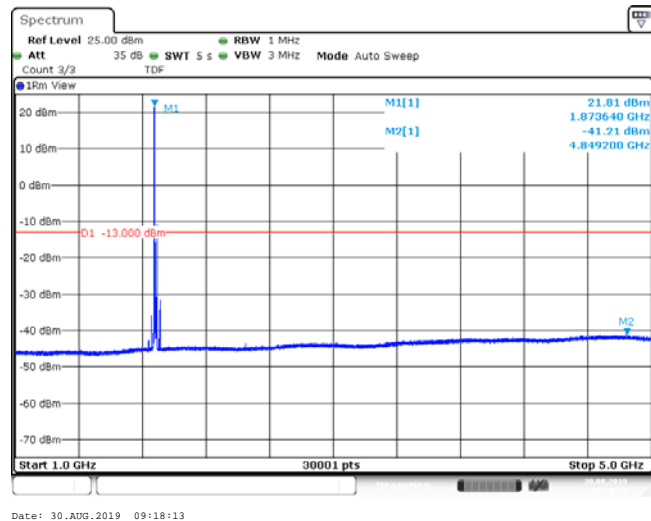


Date: 30.AUG.2019 09:17:34

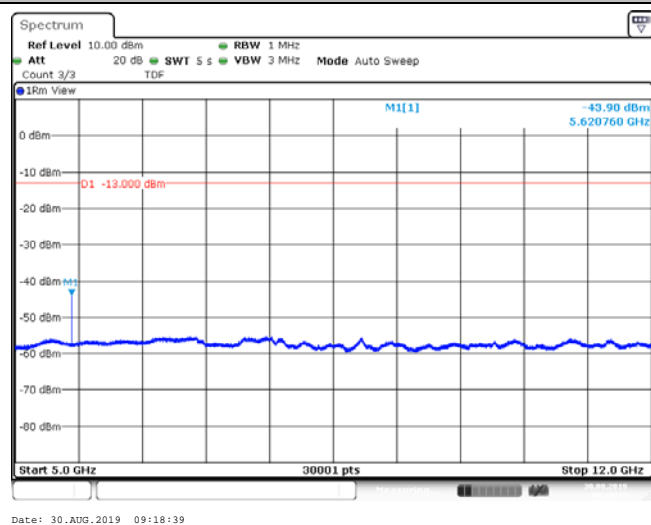
Band25_20MHz_QPSK_26365_1RB#0



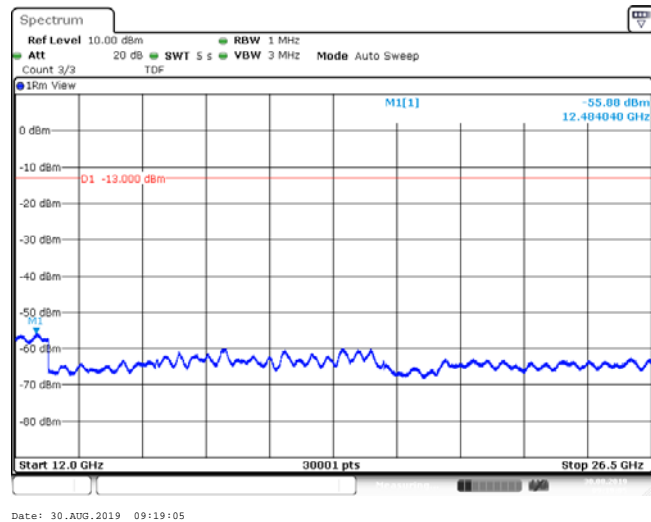
Band25_20MHz_QPSK_26365_1RB#0



Band25_20MHz_QPSK_26365_1RB#0

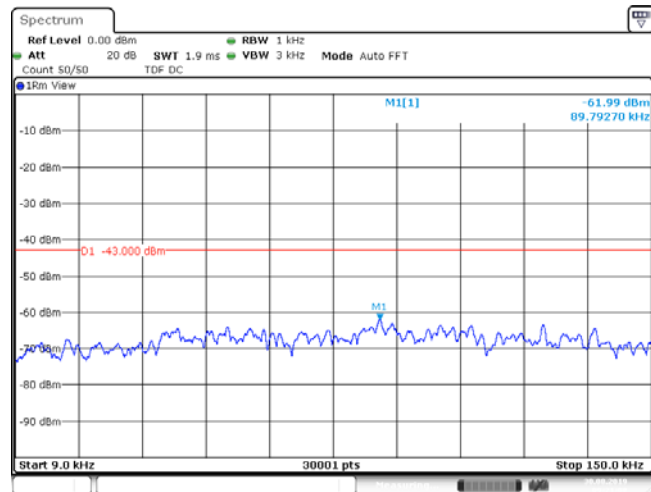


Band25_20MHz_QPSK_26365_1RB#0



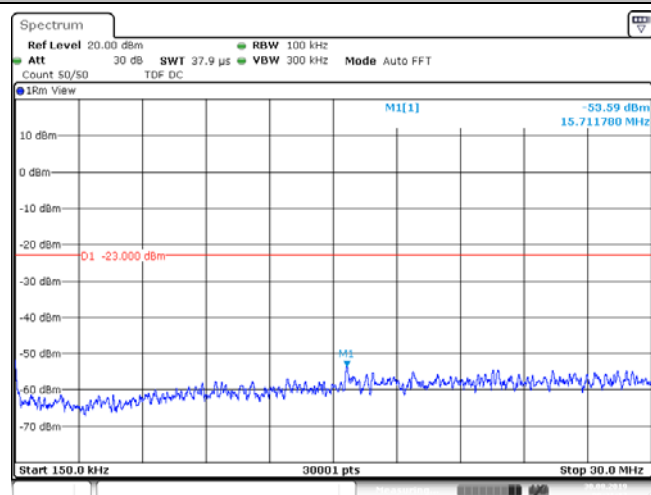
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Band25_20MHz_QPSK_26590_1RB#0



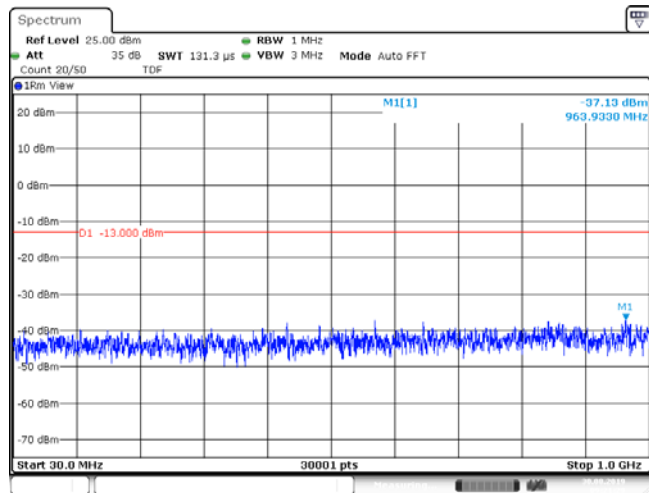
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Band25_20MHz_QPSK_26590_1RB#0



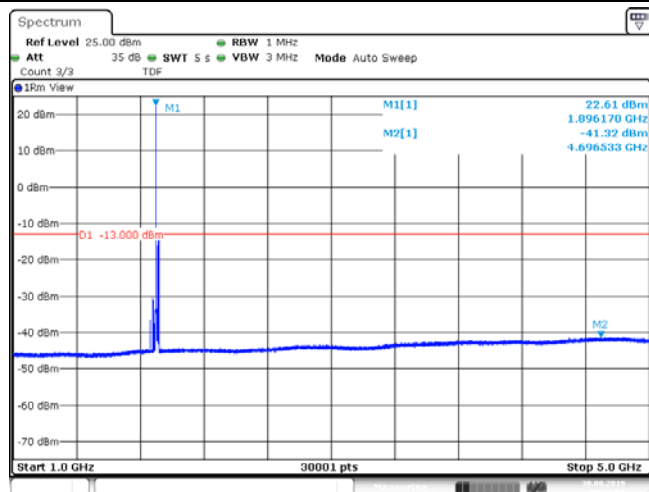
Date: 30.AUG.2019 09:21:17

Band25_20MHz_QPSK_26590_1RB#0



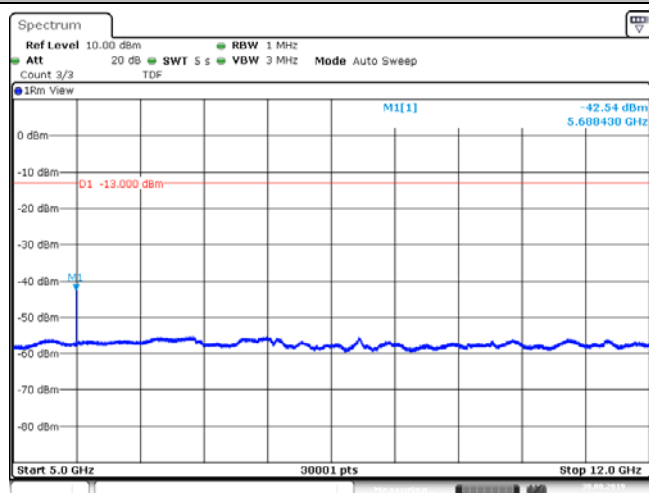
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Band25_20MHz_QPSK_26590_1RB#0



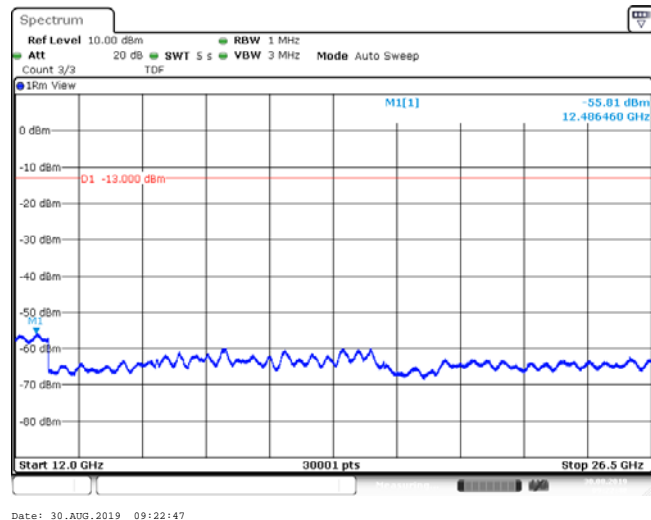
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Band25_20MHz_QPSK_26590_1RB#0



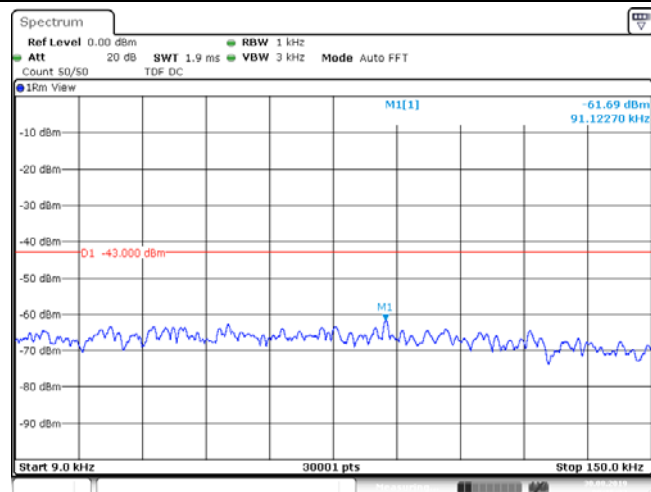
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Band25_20MHz_QPSK_26590_1RB#0



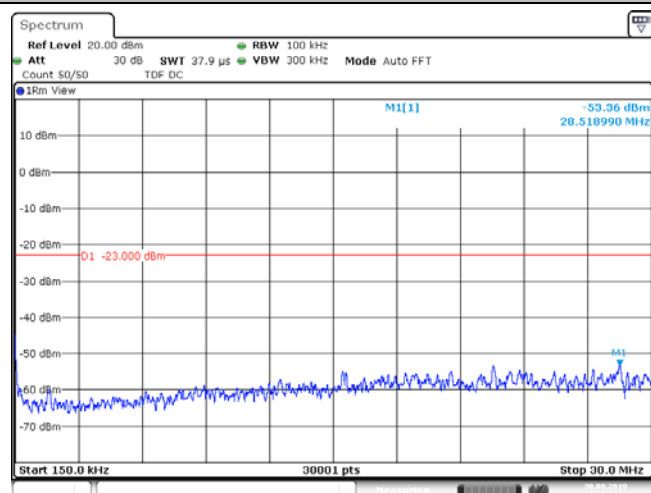
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Band25_20MHz_16QAM_26140_1RB#0



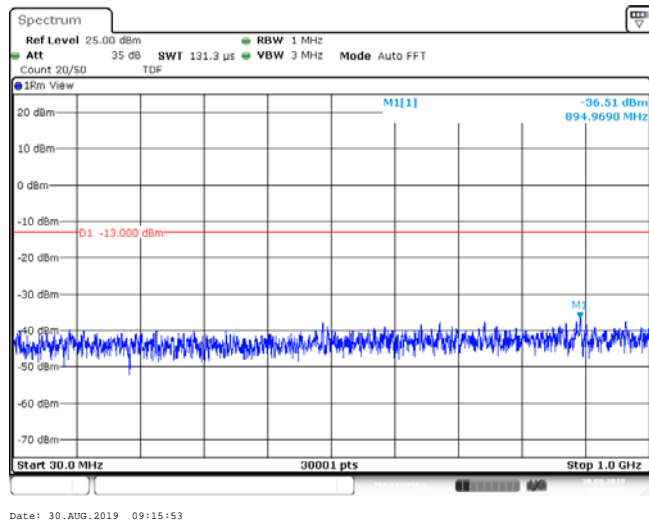
Date: 30.AUG.2019 09:15:32

Band25_20MHz_16QAM_26140_1RB#0



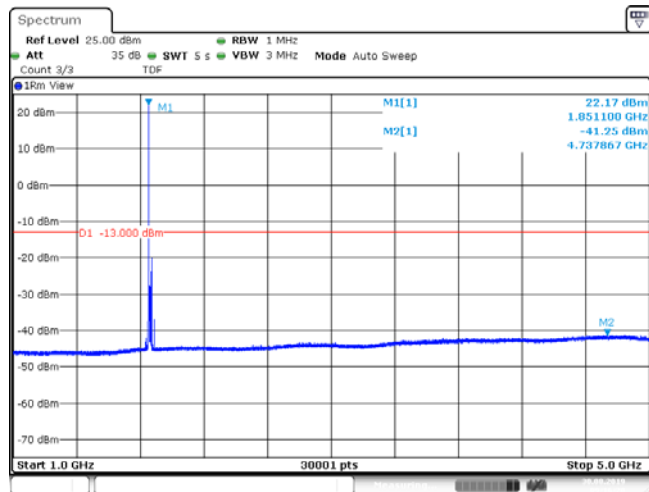
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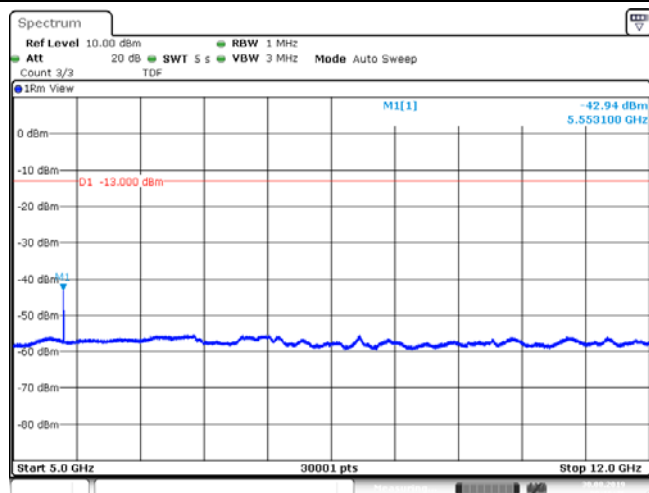
Date: 30.AUG.2019 09:15:53

Band25_20MHz_16QAM_26140_1RB#0



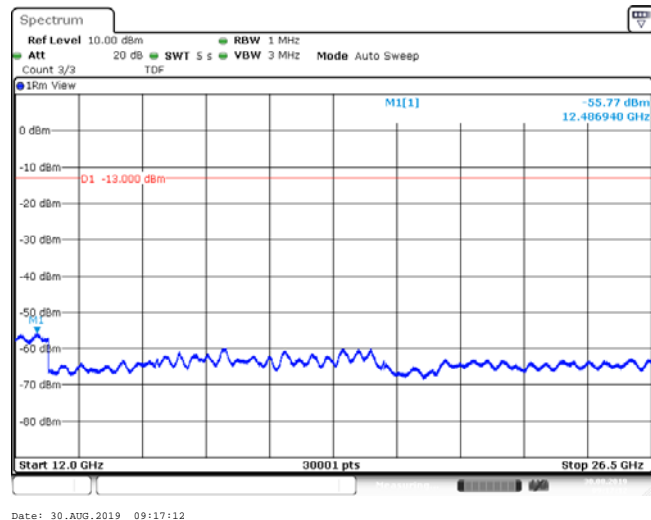
Date: 30.AUG.2019 09:16:20

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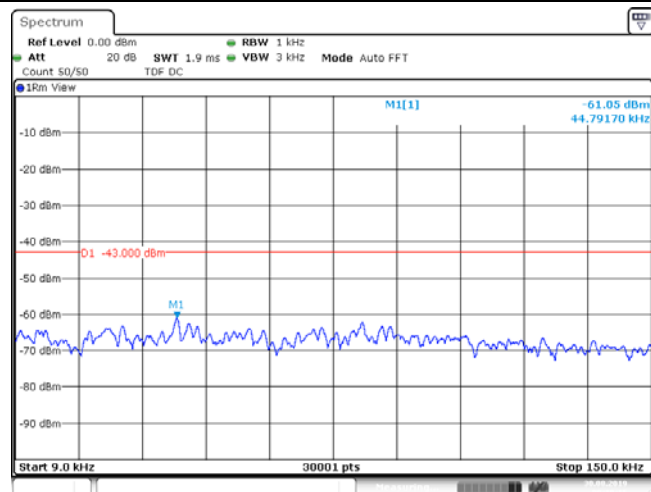
Date: 30.AUG.2019 09:16:46

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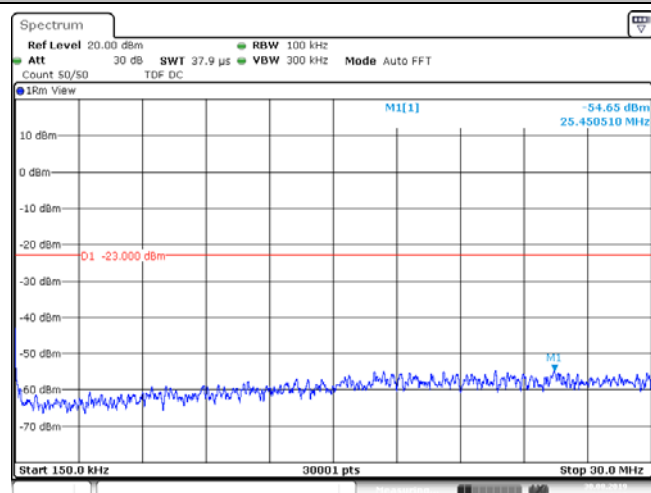
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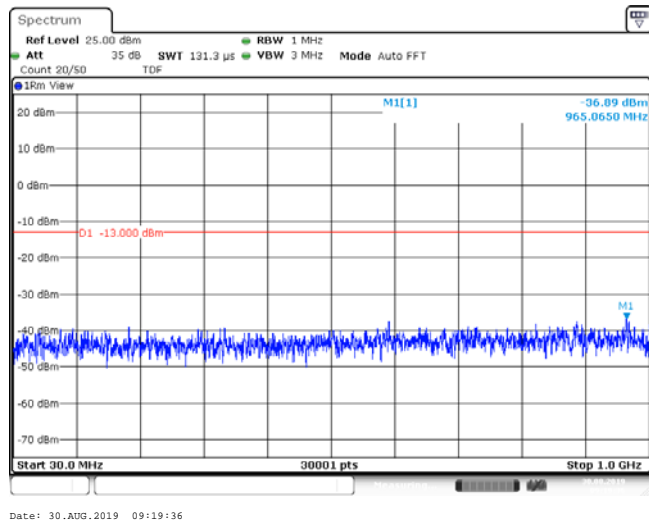
Date: 30.AUG.2019 09:19:15

Band25_20MHz_16QAM_26365_1RB#0



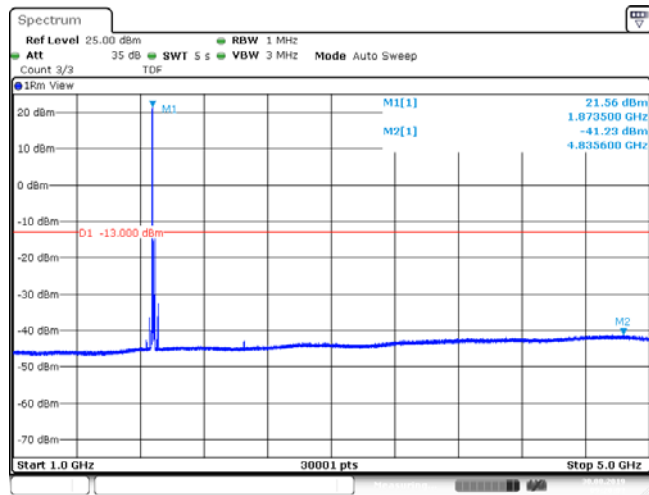
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Band25_20MHz_16QAM_26365_1RB#0



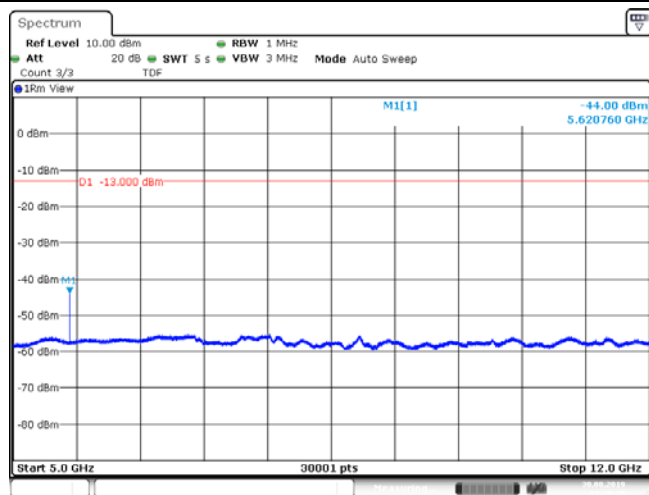
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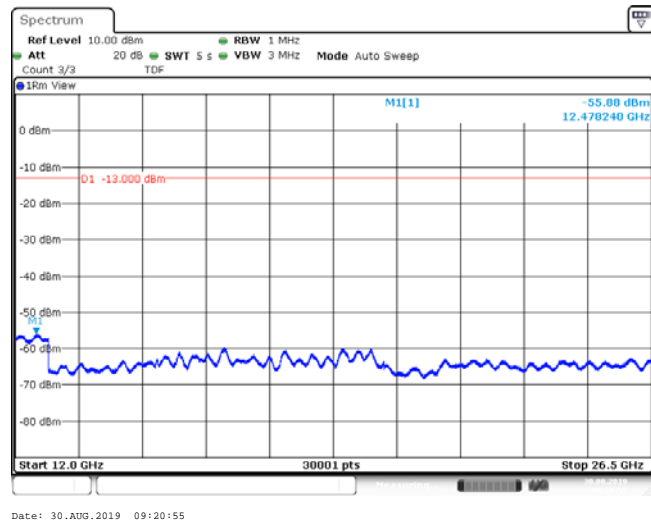
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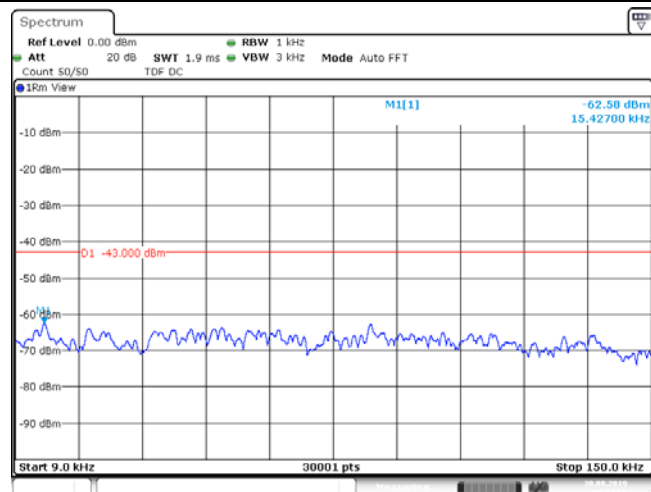
Date: 30.AUG.2019 09:20:29

Band25_20MHz_16QAM_26365_1RB#0



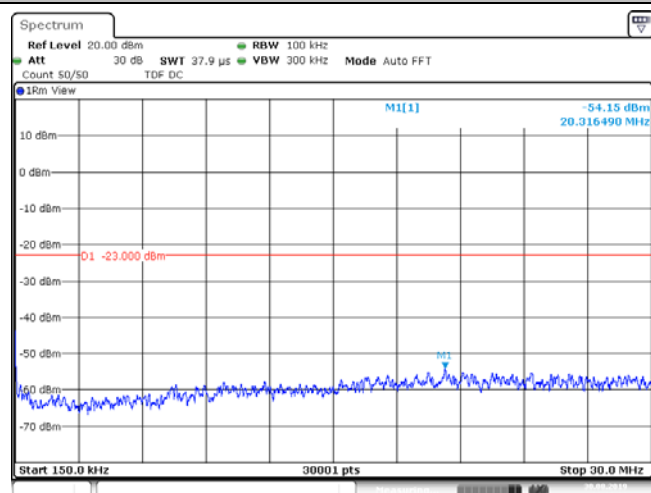
Date: 30.AUG.2019 09:20:55

Band25_20MHz_16QAM_26590_1RB#0



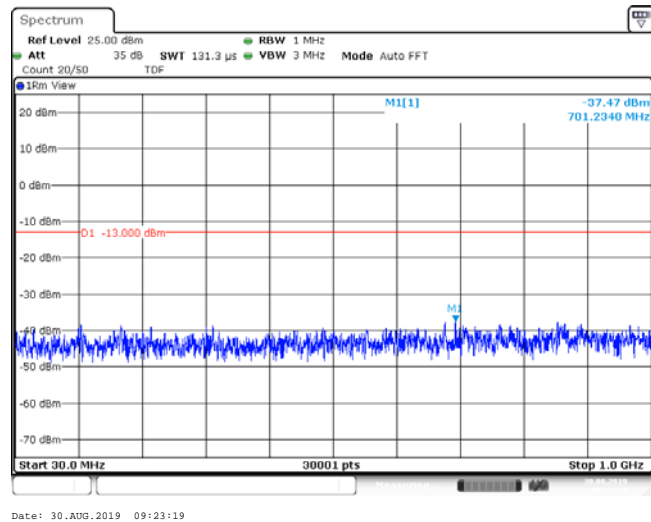
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Band25_20MHz_16QAM_26590_1RB#0



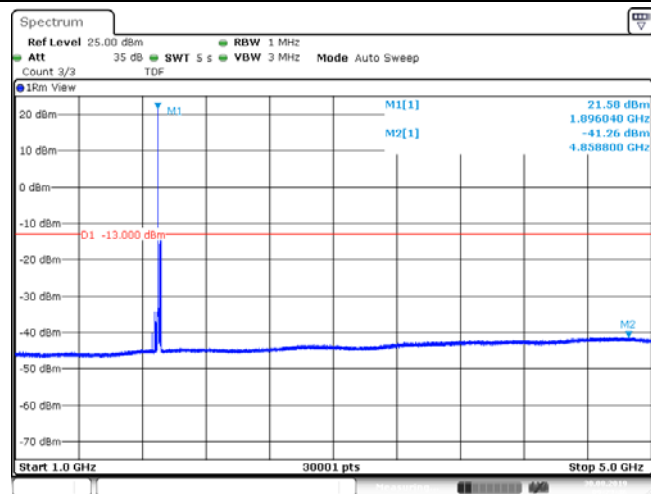
Date: 30.AUG.2019 09:23:07

Band25_20MHz_16QAM_26590_1RB#0



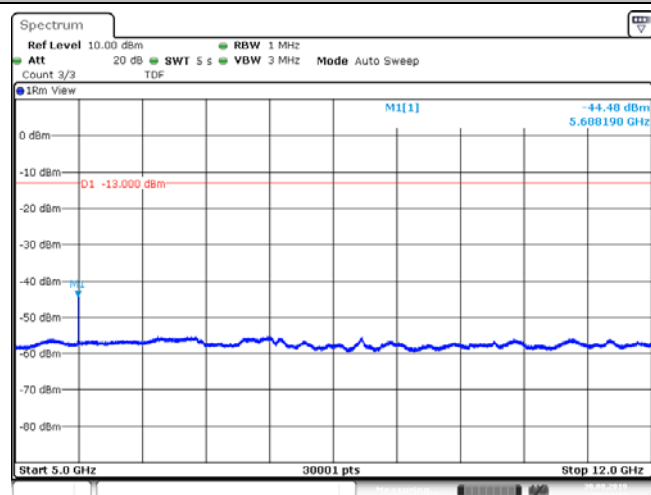
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Band25_20MHz_16QAM_26590_1RB#0



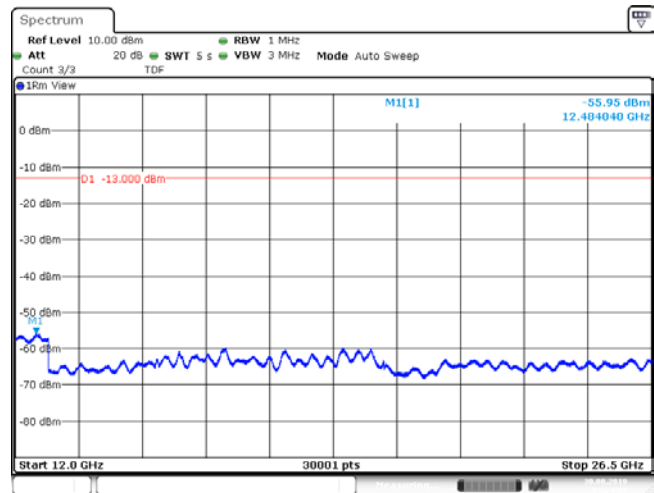
Date: 30.AUG.2019 09:23:46

Band25_20MHz_16QAM_26590_1RB#0



Date: 30.AUG.2019 09:24:12

Band25_20MHz_16QAM_26590_1RB#0



Date: 30.AUG.2019 09:24:37

Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band25	1.4MHz	QPSK	26365	6RB#0	VL	NT	6.41	0.003405	±2.5	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	VN	NT	7.35	0.003904	±2.5	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	VH	NT	-5.31	-0.002821	±2.5	PASS
Band25	3MHz	QPSK	26365	15RB#0	VL	NT	3.63	0.001928	±2.5	PASS
Band25	3MHz	QPSK	26365	15RB#0	VN	NT	4.92	0.002614	±2.5	PASS
Band25	3MHz	QPSK	26365	15RB#0	VH	NT	6.22	0.003304	±2.5	PASS
Band25	5MHz	QPSK	26365	25RB#0	VL	NT	5.26	0.002794	±2.5	PASS
Band25	5MHz	QPSK	26365	25RB#0	VN	NT	3.59	0.001907	±2.5	PASS
Band25	5MHz	QPSK	26365	25RB#0	VH	NT	3.30	0.001753	±2.5	PASS
Band25	10MHz	QPSK	26365	50RB#0	VL	NT	-5.08	-0.002699	±2.5	PASS
Band25	10MHz	QPSK	26365	50RB#0	VN	NT	4.96	0.002635	±2.5	PASS
Band25	10MHz	QPSK	26365	50RB#0	VH	NT	4.96	0.002635	±2.5	PASS
Band25	15MHz	QPSK	26365	75RB#0	VL	NT	-6.19	-0.003288	±2.5	PASS
Band25	15MHz	QPSK	26365	75RB#0	VN	NT	5.14	0.002730	±2.5	PASS
Band25	15MHz	QPSK	26365	75RB#0	VH	NT	4.96	0.002635	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	VL	NT	5.58	0.002964	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	VN	NT	5.92	0.003145	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	VH	NT	-6.28	-0.003336	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band25	1.4MHz	QPSK	26365	6RB#0	NV	-30	-6.74	-0.003580	±2.5	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	NV	-20	-5.26	-0.002794	±2.5	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	NV	0	5.34	0.002837	±2.5	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	NV	10	5.21	0.002768	±2.5	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	NV	20	7.00	0.003718	±2.5	PASS
Band25	3MHz	QPSK	26365	15RB#0	NV	-30	5.59	0.002969	±2.5	PASS
Band25	3MHz	QPSK	26365	15RB#0	NV	-20	-4.63	-0.002459	±2.5	PASS
Band25	3MHz	QPSK	26365	15RB#0	NV	0	5.04	0.002677	±2.5	PASS
Band25	3MHz	QPSK	26365	15RB#0	NV	10	6.57	0.003490	±2.5	PASS
Band25	3MHz	QPSK	26365	15RB#0	NV	20	5.74	0.003049	±2.5	PASS
Band25	5MHz	QPSK	26365	25RB#0	NV	-30	4.86	0.002582	±2.5	PASS
Band25	5MHz	QPSK	26365	25RB#0	NV	-20	5.31	0.002821	±2.5	PASS
Band25	5MHz	QPSK	26365	25RB#0	NV	0	6.35	0.003373	±2.5	PASS
Band25	5MHz	QPSK	26365	25RB#0	NV	10	5.04	0.002677	±2.5	PASS
Band25	5MHz	QPSK	26365	25RB#0	NV	20	5.12	0.002720	±2.5	PASS
Band25	10MHz	QPSK	26365	50RB#0	NV	-30	4.23	0.002247	±2.5	PASS
Band25	10MHz	QPSK	26365	50RB#0	NV	-20	4.08	0.002167	±2.5	PASS
Band25	10MHz	QPSK	26365	50RB#0	NV	0	5.09	0.002704	±2.5	PASS
Band25	10MHz	QPSK	26365	50RB#0	NV	10	4.25	0.002258	±2.5	PASS

Band25	10MHz	QPSK	26365	50RB#0	NV	20	6.55	0.003479	±2.5	PASS
Band25	15MHz	QPSK	26365	75RB#0	NV	-30	4.71	0.002502	±2.5	PASS
Band25	15MHz	QPSK	26365	75RB#0	NV	-20	4.58	0.002433	±2.5	PASS
Band25	15MHz	QPSK	26365	75RB#0	NV	0	-5.21	-0.002768	±2.5	PASS
Band25	15MHz	QPSK	26365	75RB#0	NV	10	-3.73	-0.001981	±2.5	PASS
Band25	15MHz	QPSK	26365	75RB#0	NV	20	4.16	0.002210	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	-30	3.50	0.001859	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	-20	4.42	0.002348	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	0	3.46	0.001838	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	10	-2.88	-0.001530	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	20	5.34	0.002837	±2.5	PASS