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Main RF module appendix for LTE Band 41

**Applicant: HONGKONG UCLOUDLINK NETWORK TECHNOLOGY
LIMITED**

**Address: Suite 603, 6/F, Laws Commercial Plaza, 788 Cheung
Sha Wan Road, Kowloon, Hong Kong**

Product Name: 4G Wireless Data Terminal

Model: GLMU20A02

FCC ID: 2AC88-GLMU20A02

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1 Summary of Test Results Data and Graph

1.1. Appendix A: Conducted Power Output Data

Test Result

LTE Band 41				Actual output Power (dBm)		
Band-width	Modulation	RB allocation	RB offset	Low	Middle	High
5	QPSK	1	Low	22.45	22.17	22.08
			Middle	22.36	21.69	21.90
			High	22.40	21.71	21.97
		12	Low	21.08	21.63	20.49
			Middle	21.06	21.03	20.42
			High	21.03	21.19	20.39
		25	/	21.00	21.28	19.94
	16QAM	1	Low	22.18	21.83	21.71
			Middle	22.15	21.33	21.50
			High	22.08	21.34	21.62
		12	Low	20.44	21.36	19.98
			Middle	20.42	20.30	19.79
			High	20.36	20.73	19.90
		25	/	20.14	20.87	19.62
10	QPSK	1	Low	22.42	22.64	22.07
			Middle	22.33	22.61	21.88
			High	22.37	22.56	21.96
		25	Low	21.05	21.19	20.48
			Middle	21.04	21.25	20.41
			High	21.01	21.12	20.38
		50	/	20.98	20.85	19.92
	16QAM	1	Low	22.15	22.30	21.70
			Middle	22.13	22.23	21.48
			High	22.06	22.23	21.61
		25	Low	20.42	20.55	19.97
			Middle	20.40	20.49	19.77
			High	20.34	20.48	19.89
		50	/	20.12	20.29	19.61

15	QPSK	1	Low	22.47	22.62	22.09
			Middle	22.38	22.58	21.91
			High	22.42	22.53	21.99
		38	Low	21.10	21.17	20.50
			Middle	21.08	21.22	20.43
			High	21.05	21.09	20.40
		75	/	21.02	20.82	19.94
	16QAM	1	Low	22.20	22.27	21.72
			Middle	22.17	22.21	21.51
			High	22.11	22.20	21.63
		38	Low	20.46	20.53	19.99
			Middle	20.44	20.47	19.80
			High	20.38	20.46	19.91
		75	/	20.16	20.26	19.63
20	QPSK	1	Low	22.54	22.69	22.17
			Middle	22.45	22.66	21.98
			High	22.49	22.61	22.06
		50	Low	21.16	21.24	20.57
			Middle	21.15	21.29	20.51
			High	21.12	21.16	20.48
		100	/	21.09	20.89	20.02
	16QAM	1	Low	21.96	22.08	21.56
			Middle	21.94	22.02	21.36
			High	21.87	22.01	21.48
		50	Low	20.25	20.35	19.85
			Middle	20.22	20.29	19.66
			High	20.16	20.28	19.77
		100	/	19.95	20.09	19.49

1.2. Appendix B: Peak-to-Average Ratio(CCDF)

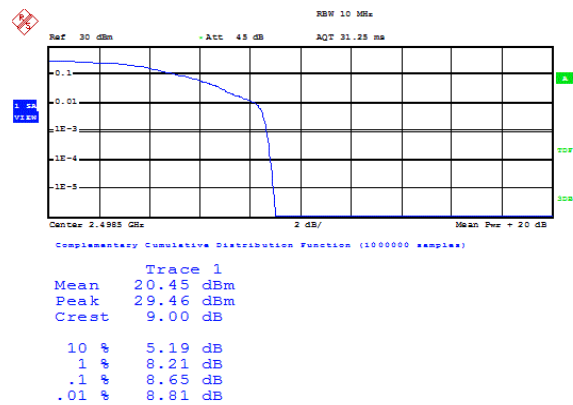
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	8.65	13	PASS
Band41	5MHz	QPSK	39675	25RB#0	9.42	13	PASS
Band41	5MHz	QPSK	40620	1RB#0	9.26	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	9.65	13	PASS
Band41	5MHz	QPSK	41565	1RB#0	8.14	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	9.33	13	PASS
Band41	5MHz	16QAM	39675	1RB#0	9.20	13	PASS
Band41	5MHz	16QAM	39675	25RB#0	10.42	13	PASS
Band41	5MHz	16QAM	40620	1RB#0	9.23	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	9.49	13	PASS
Band41	5MHz	16QAM	41565	1RB#0	8.14	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	9.78	13	PASS
Band41	10MHz	QPSK	39700	1RB#0	9.36	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.91	13	PASS
Band41	10MHz	QPSK	40620	1RB#0	8.91	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.53	13	PASS
Band41	10MHz	QPSK	41540	1RB#0	7.92	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	9.46	13	PASS
Band41	10MHz	16QAM	39700	1RB#0	9.42	13	PASS
Band41	10MHz	16QAM	39700	50RB#0	9.71	13	PASS
Band41	10MHz	16QAM	40620	1RB#0	9.55	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	9.71	13	PASS
Band41	10MHz	16QAM	41540	1RB#0	8.62	13	PASS
Band41	10MHz	16QAM	41540	50RB#0	9.55	13	PASS
Band41	15MHz	QPSK	39725	1RB#0	8.59	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	9.13	13	PASS
Band41	15MHz	QPSK	40620	1RB#0	8.53	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	10.06	13	PASS
Band41	15MHz	QPSK	41515	1RB#0	8.56	13	PASS
Band41	15MHz	QPSK	41515	75RB#0	9.55	13	PASS
Band41	15MHz	16QAM	39725	1RB#0	8.27	13	PASS
Band41	15MHz	16QAM	39725	75RB#0	10.42	13	PASS
Band41	15MHz	16QAM	40620	1RB#0	8.33	13	PASS
Band41	15MHz	16QAM	40620	75RB#0	10.67	13	PASS

Band41	15MHz	16QAM	41515	1RB#0	8.53	13	PASS
Band41	15MHz	16QAM	41515	75RB#0	10.42	13	PASS
Band41	20MHz	QPSK	39750	1RB#0	7.79	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	10.06	13	PASS
Band41	20MHz	QPSK	40620	1RB#0	8.11	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	9.97	13	PASS
Band41	20MHz	QPSK	41490	1RB#0	8.43	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	9.68	13	PASS
Band41	20MHz	16QAM	39750	1RB#0	7.98	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	10.54	13	PASS
Band41	20MHz	16QAM	40620	1RB#0	8.01	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	11.12	13	PASS
Band41	20MHz	16QAM	41490	1RB#0	8.04	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	10.32	13	PASS

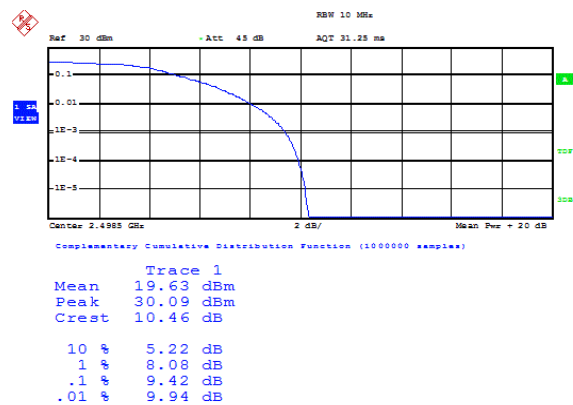
Test Graphs

Band41-5MHz-QPSK-39675-1RB#0



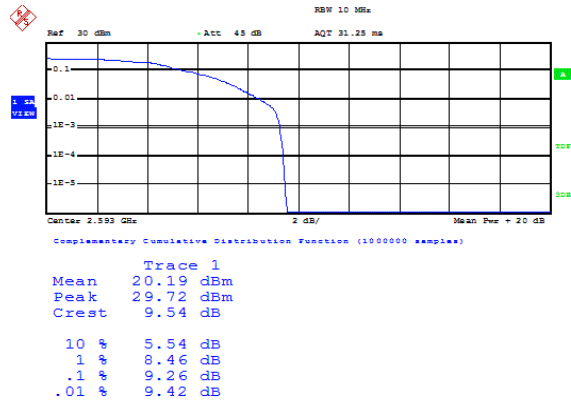
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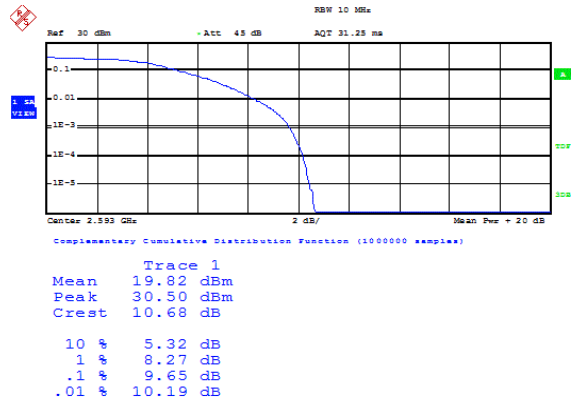
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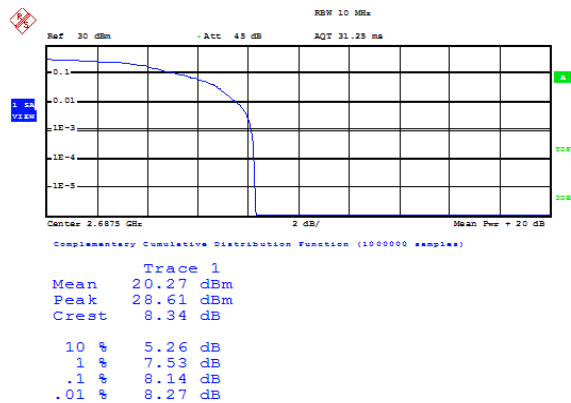
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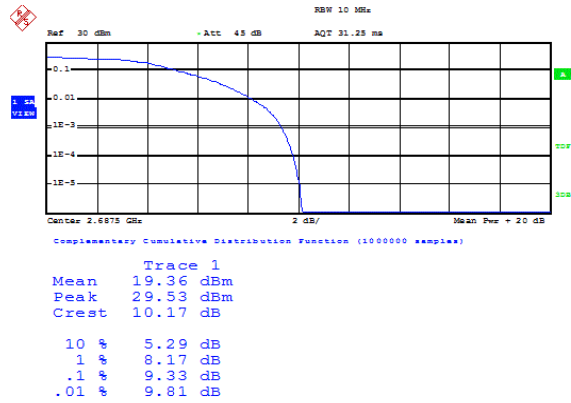
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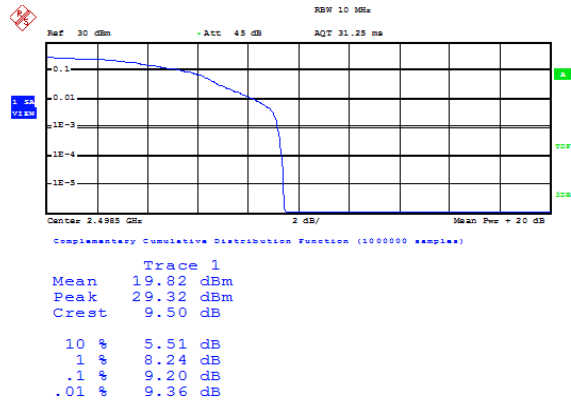
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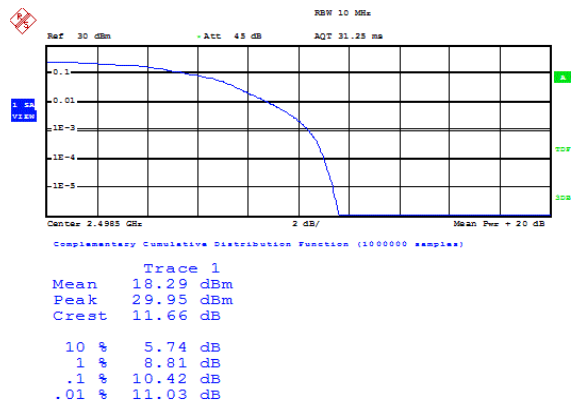
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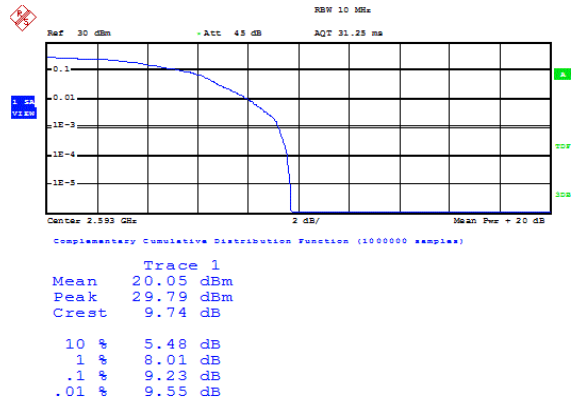
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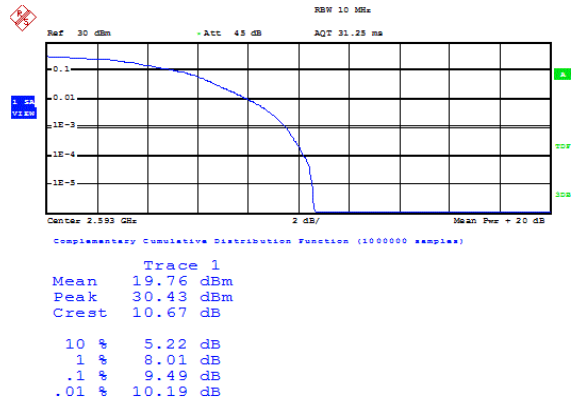
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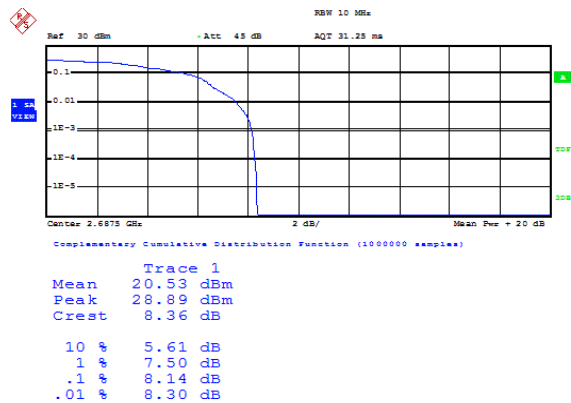
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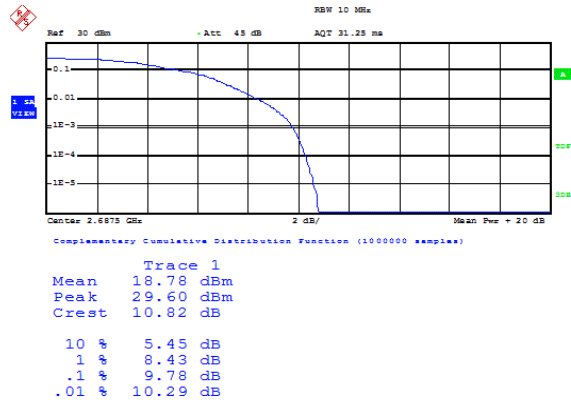
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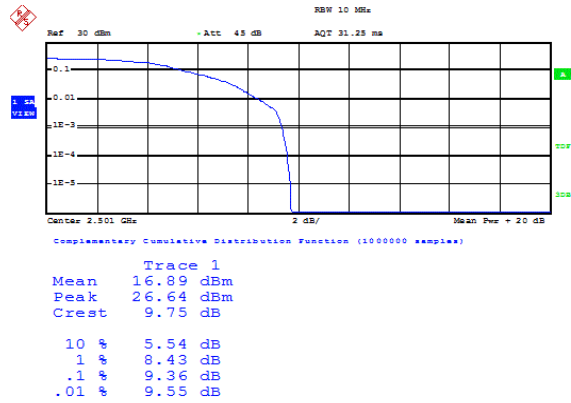
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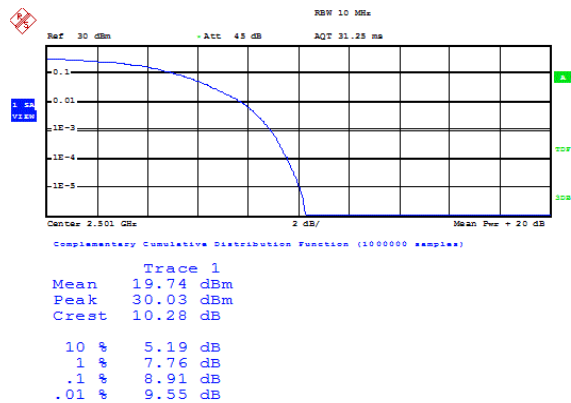
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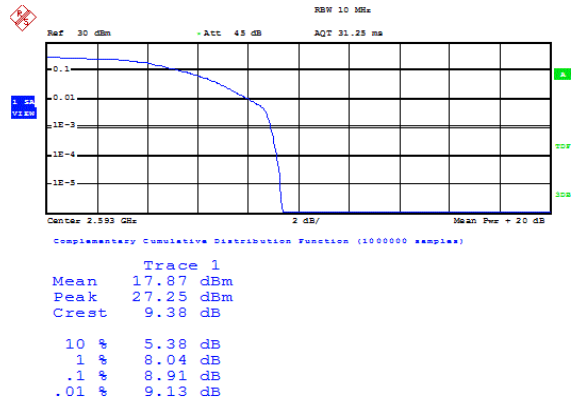
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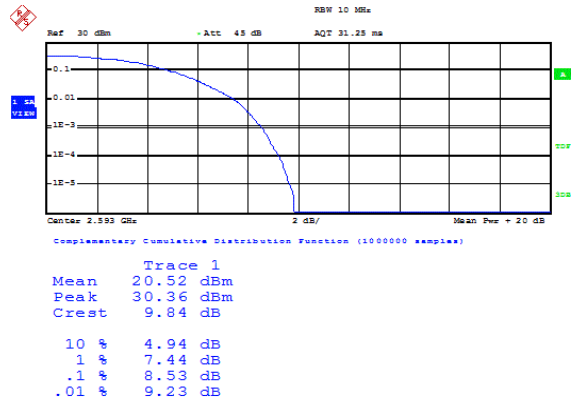
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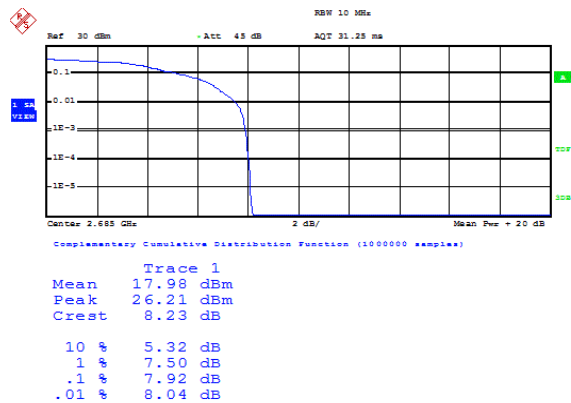
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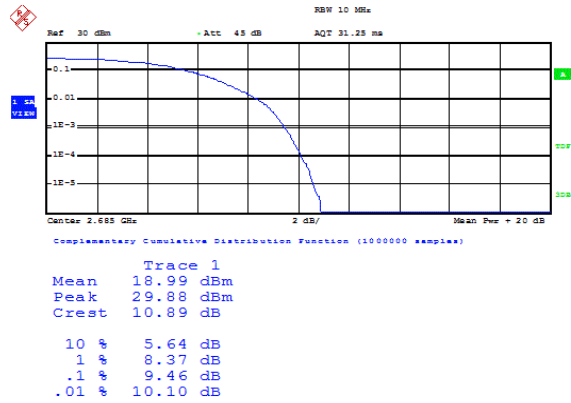
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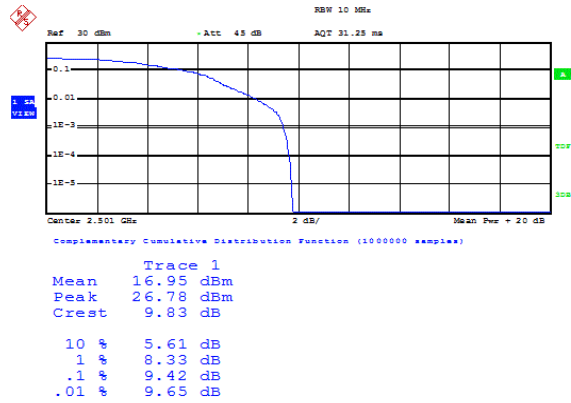
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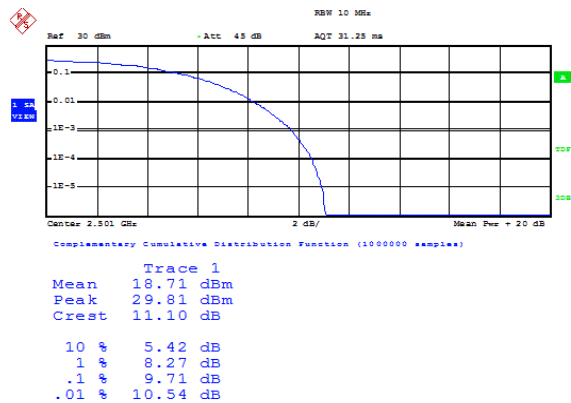
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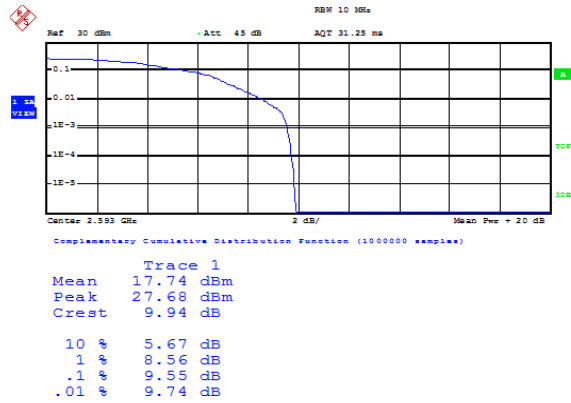
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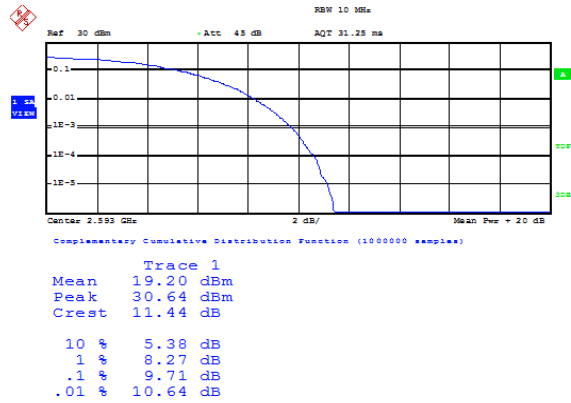
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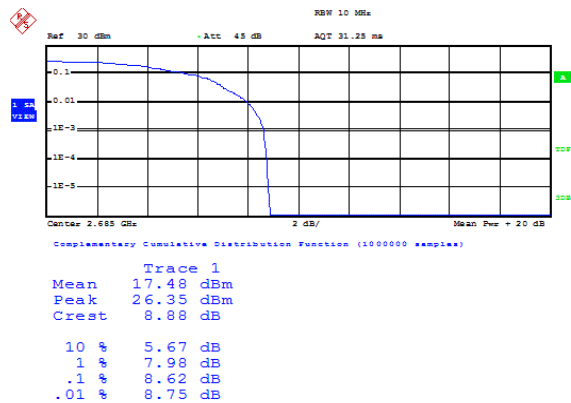
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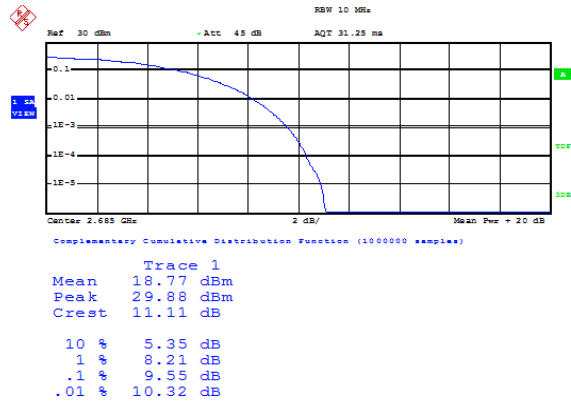
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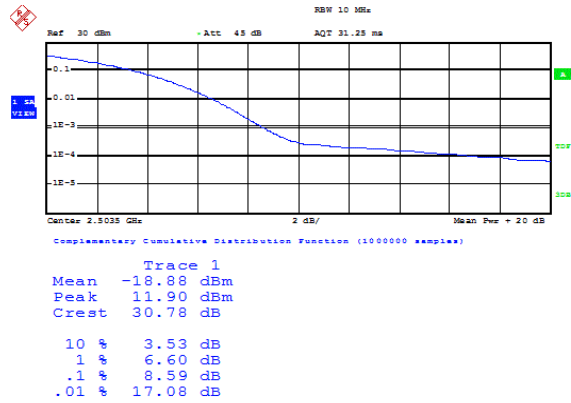
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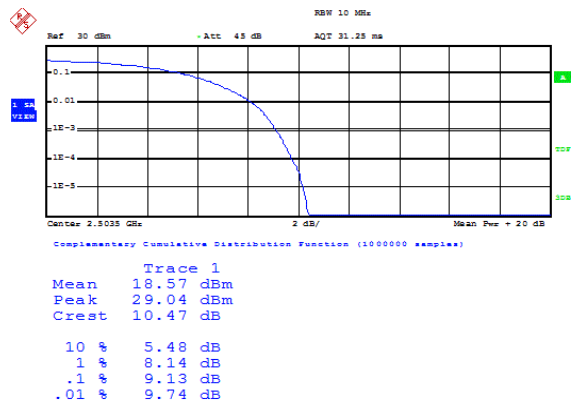
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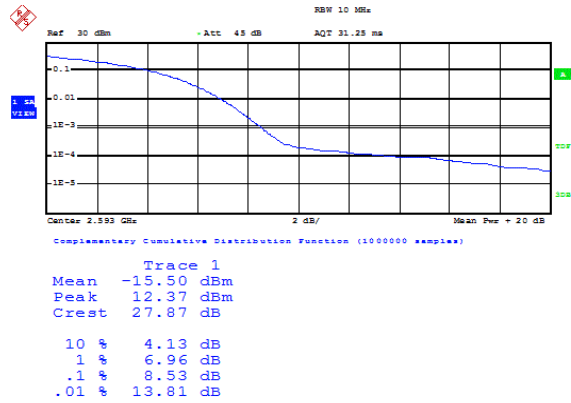
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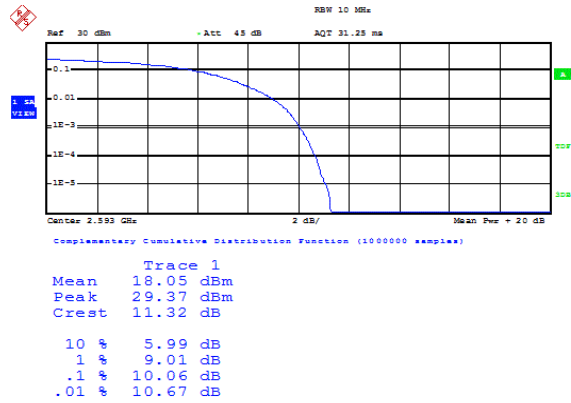
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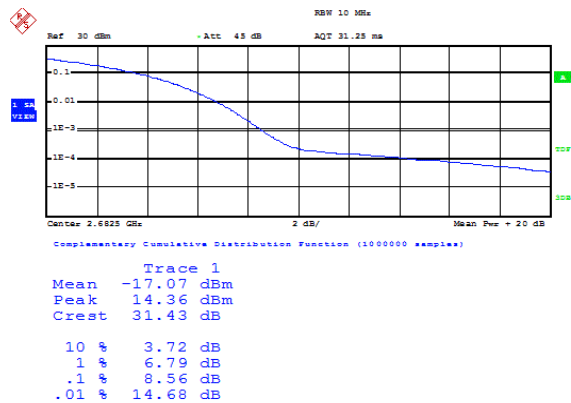
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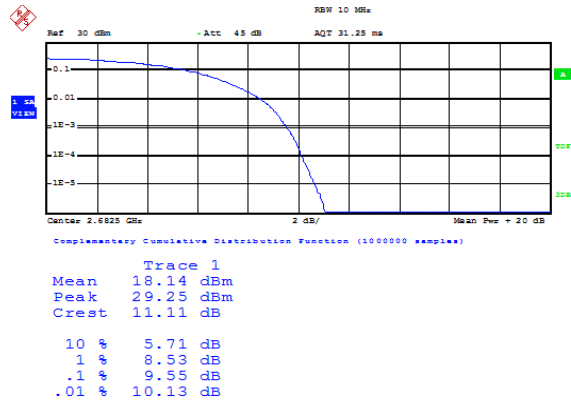
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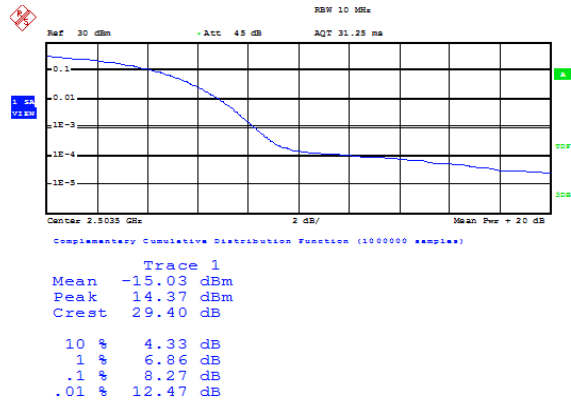
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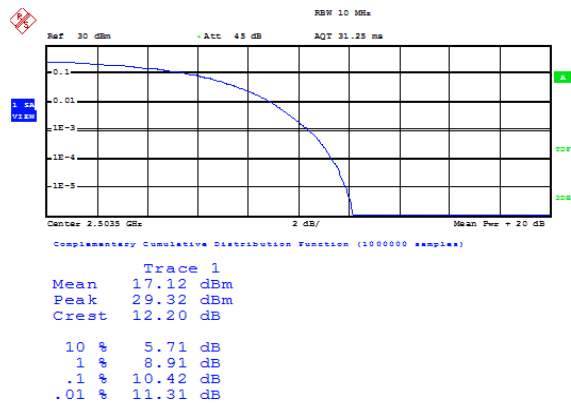
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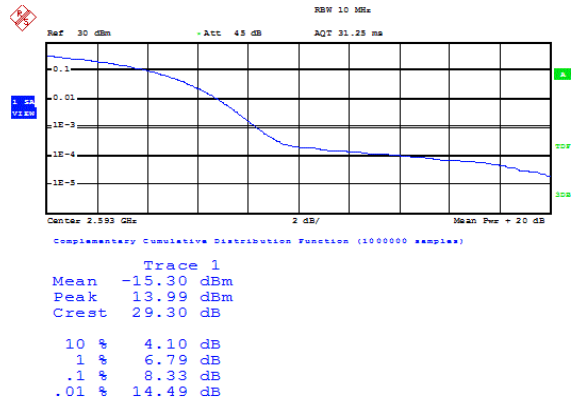
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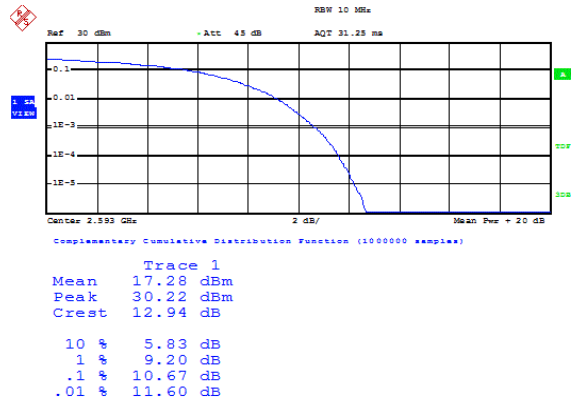
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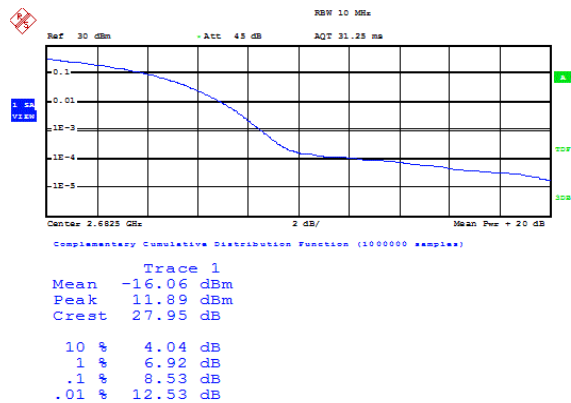
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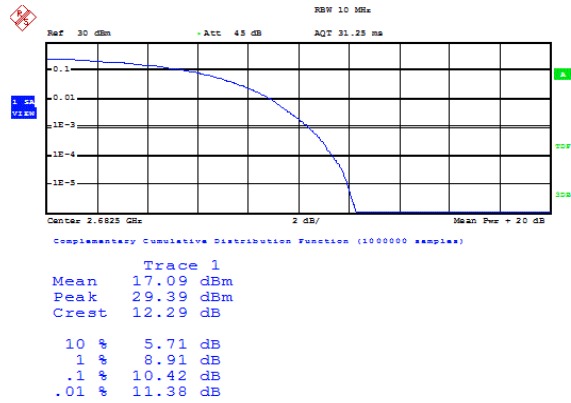
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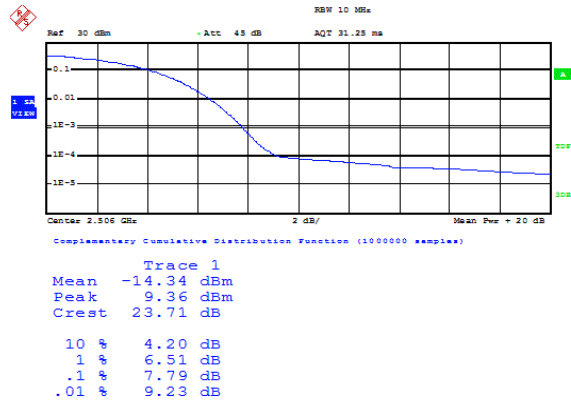
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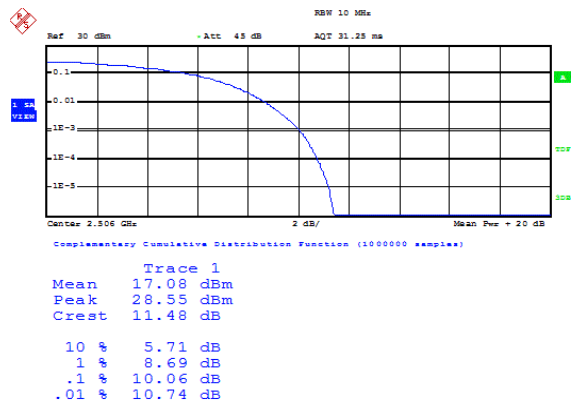
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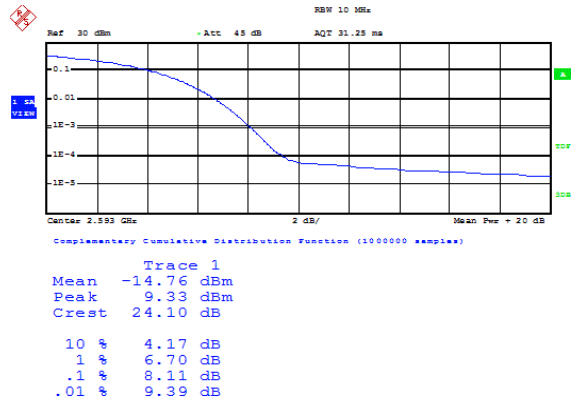
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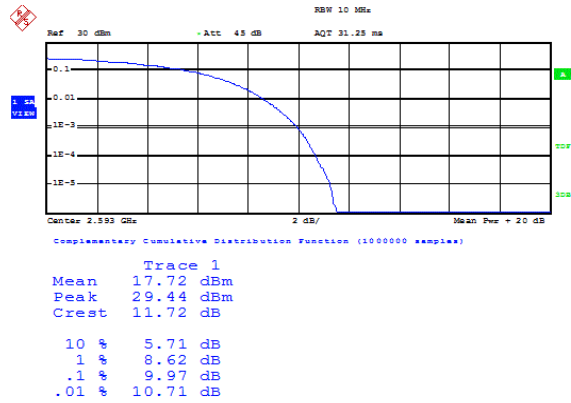
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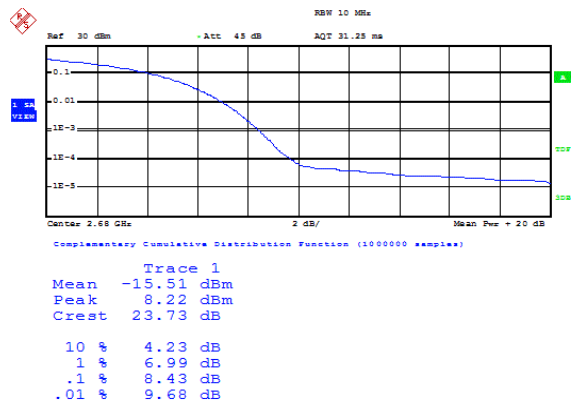
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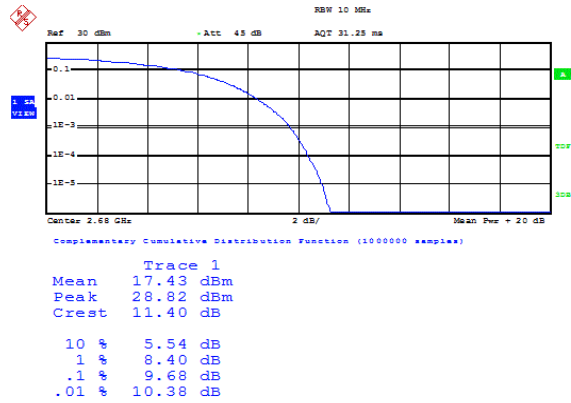
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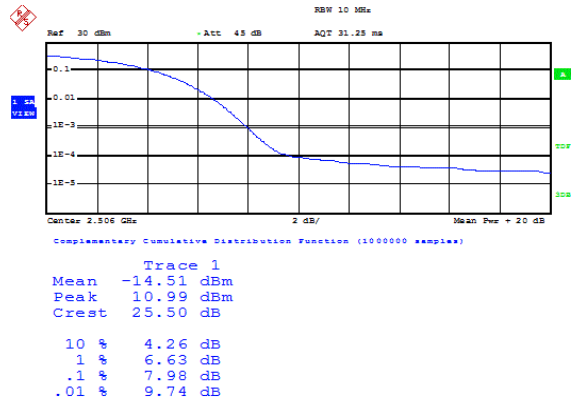
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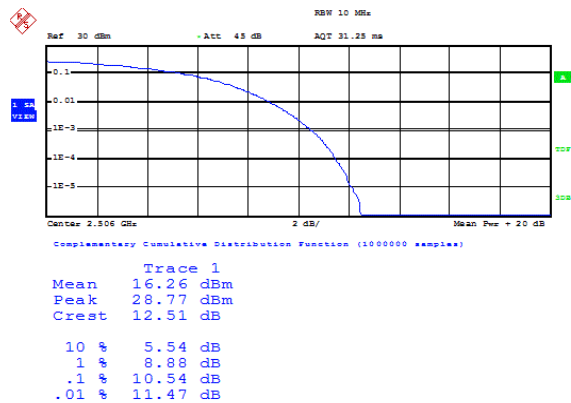
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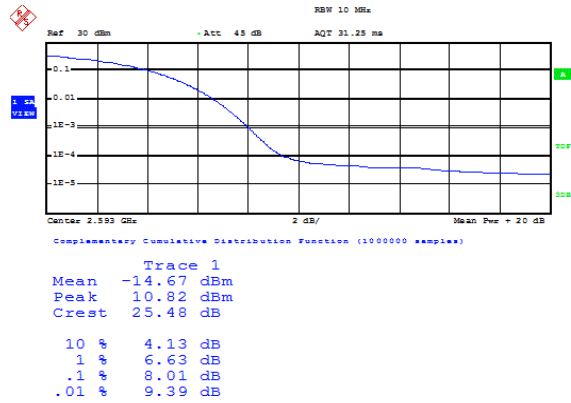
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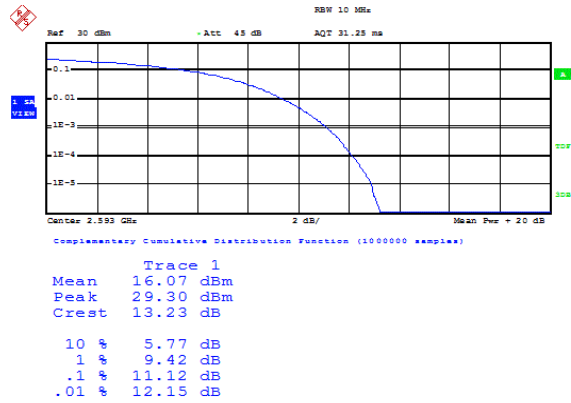
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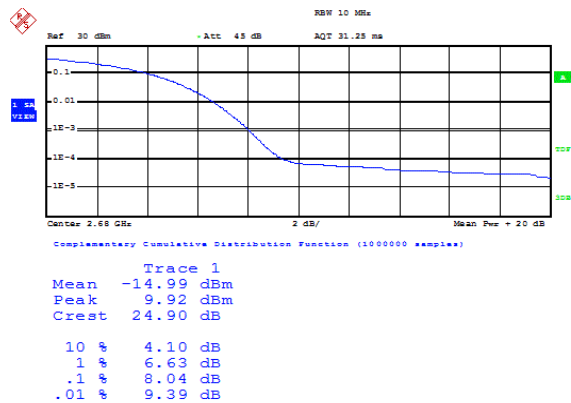
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Band41-20MHz-16QAM-40620-100RB#0



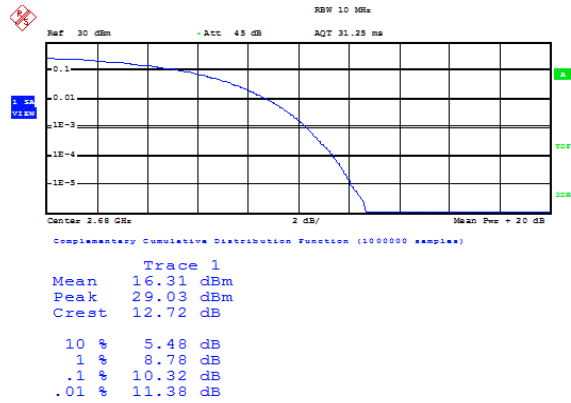
Date: 2.NOV.2020 17:14:16

Band41-20MHz-16QAM-41490-1RB#0



Date: 2.NOV.2020 17:14:36

Band41-20MHz-16QAM-41490-100RB#0



Date: 2.NOV.2020 17:14:58

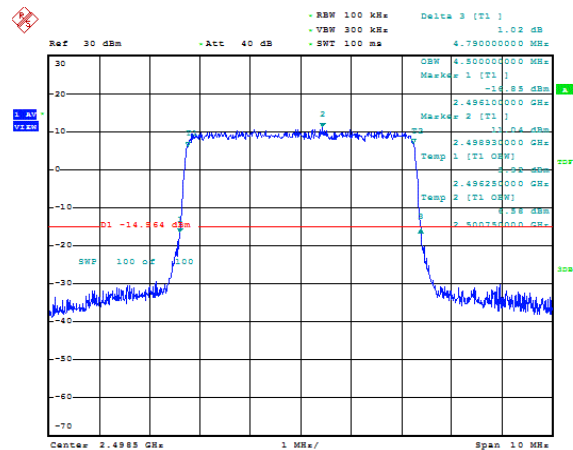
1.3. Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	4.5	4.790	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.5	4.780	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.51	4.770	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.49	4.790	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.51	4.780	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.5	4.780	PASS
Band41	10MHz	QPSK	39700	50RB#0	9.038	9.776	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.967	9.667	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.967	9.667	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.967	9.633	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.967	9.667	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.967	9.633	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.51	15.144	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.45	14.450	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.5	14.550	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.45	14.500	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.45	14.500	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.45	14.550	PASS
Band41	20MHz	QPSK	39750	100RB#0	18.067	19.533	PASS
Band41	20MHz	QPSK	40620	100RB#0	18	19.600	PASS
Band41	20MHz	QPSK	41490	100RB#0	18	19.667	PASS
Band41	20MHz	16QAM	39750	100RB#0	18.067	19.533	PASS
Band41	20MHz	16QAM	40620	100RB#0	18	19.600	PASS
Band41	20MHz	16QAM	41490	100RB#0	18	19.600	PASS

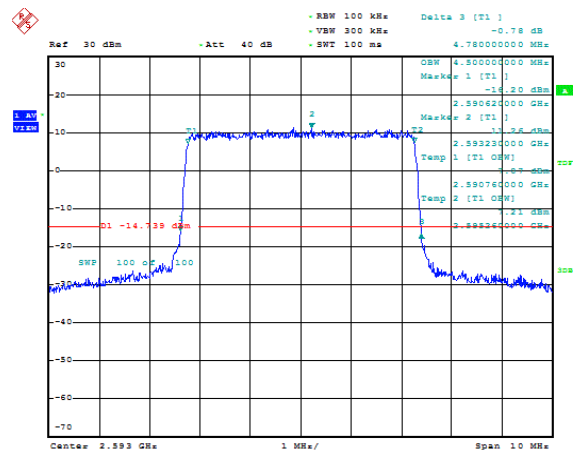
Test Graphs

Band41-5MHz-QPSK-39675-25RB#0-4.5



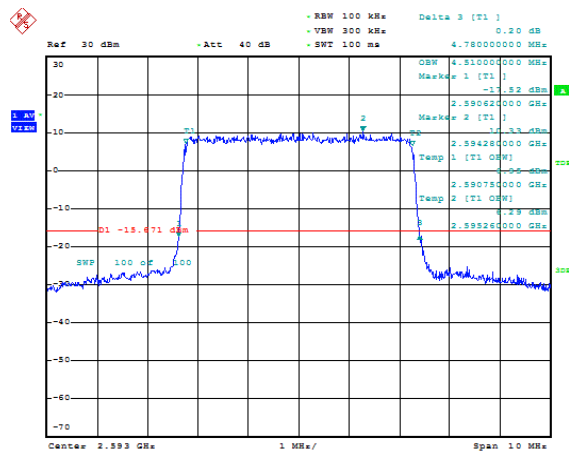
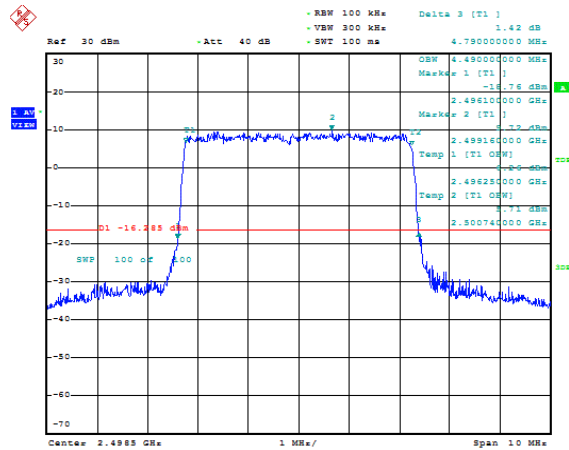
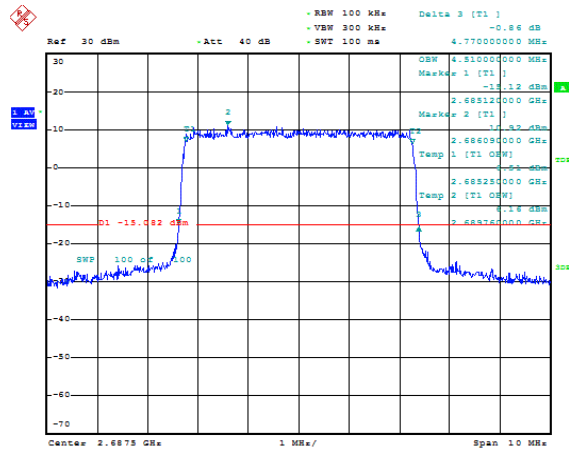
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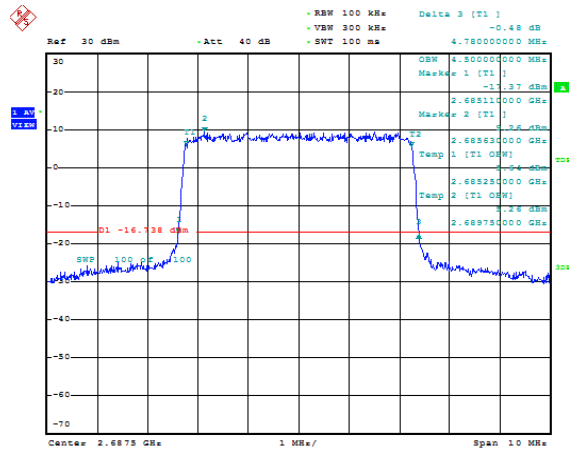
Band41-5MHz-QPSK-40620-25RB#0-4.5



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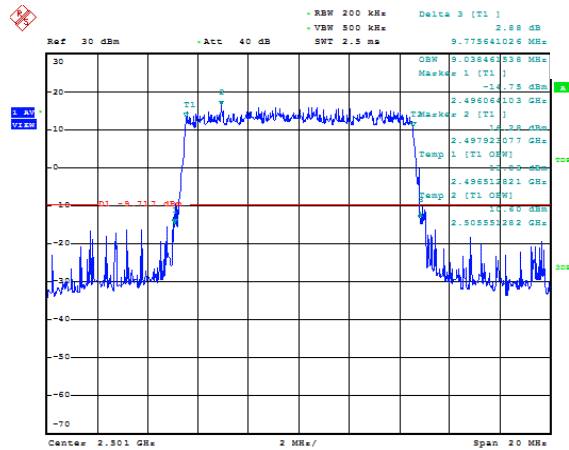
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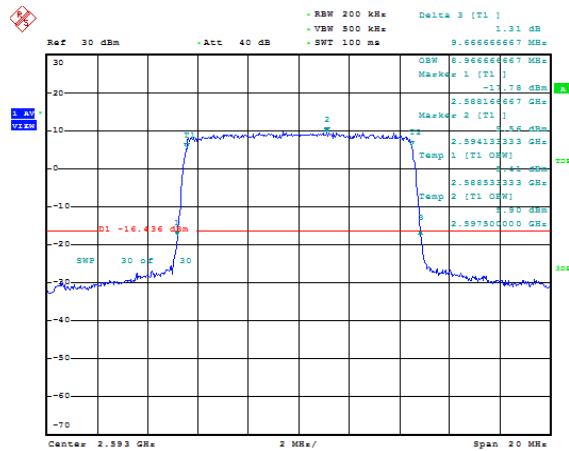
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Band41-10MHz-QPSK-39700-50RB#0-9.038



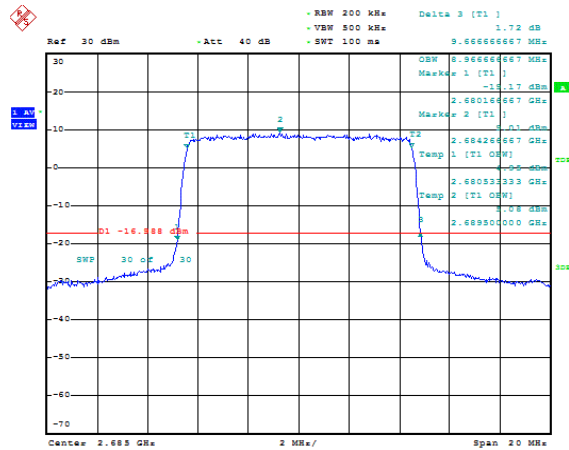
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Band41-10MHz-QPSK-40620-50RB#0-8.967



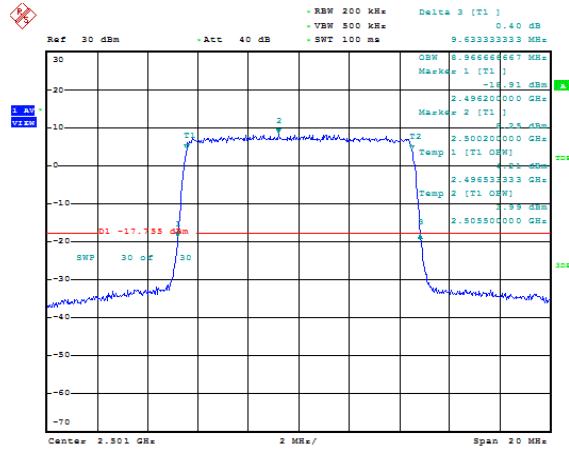
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Band41-10MHz-QPSK-41540-50RB#0-8.967



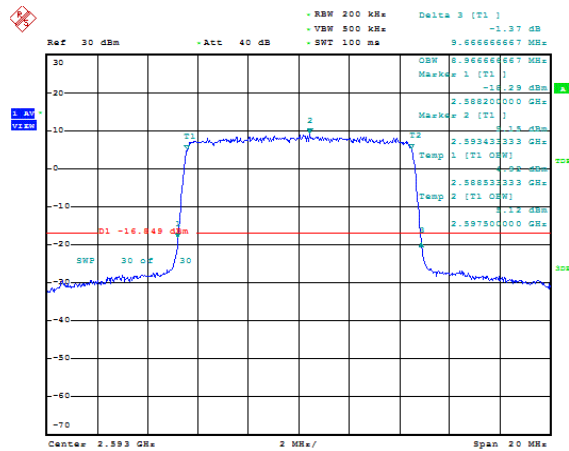
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Band41-10MHz-16QAM-39700-50RB#0-8.967



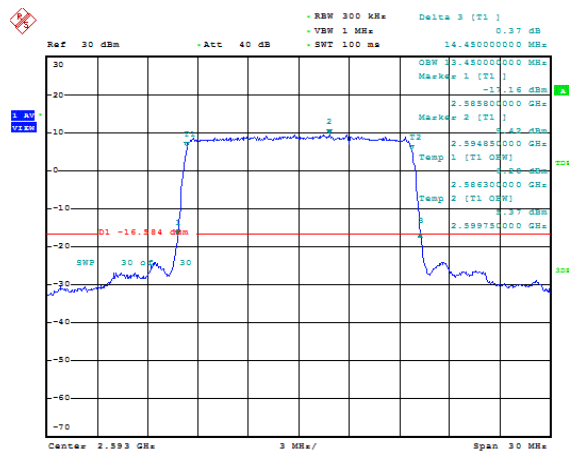
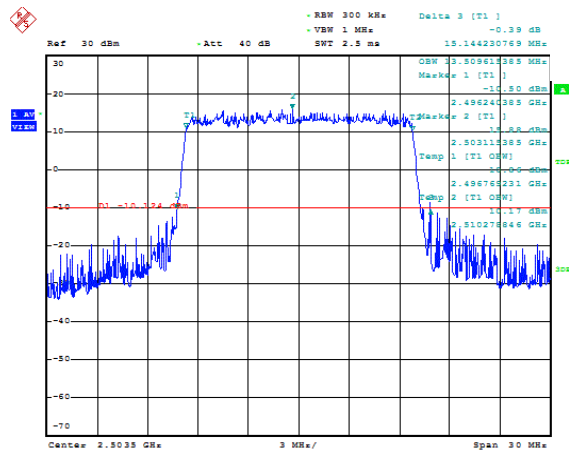
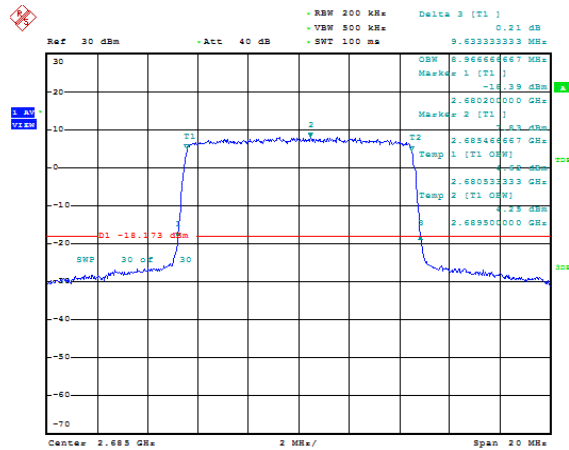
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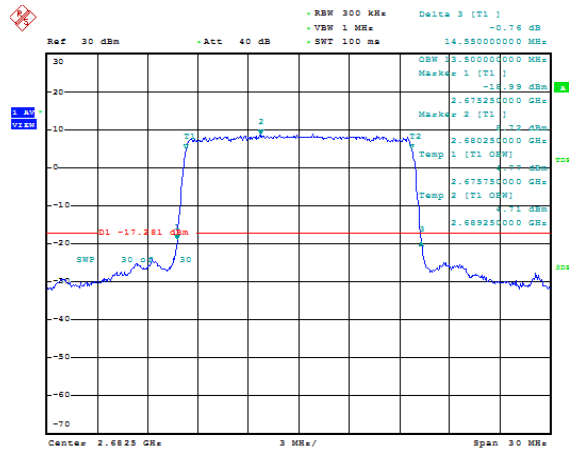
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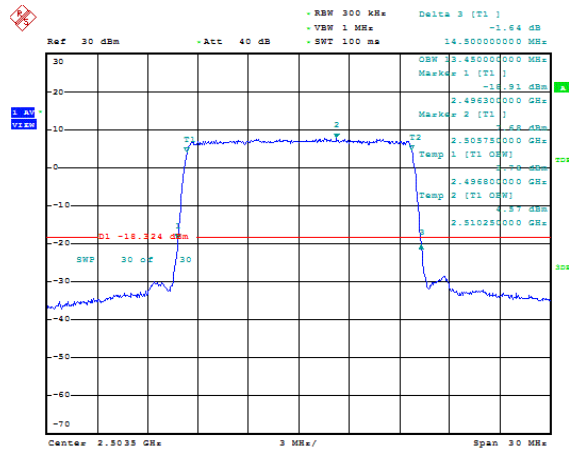
Band41-10MHz-16QAM-41540-50RB#0-8.967





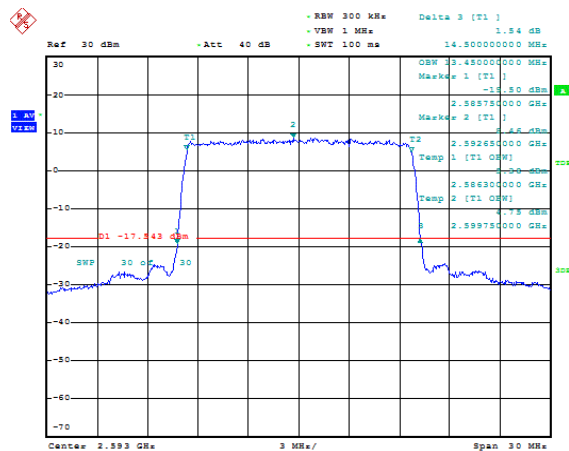
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Band41-15MHz-16QAM-39725-75RB#0-13.45



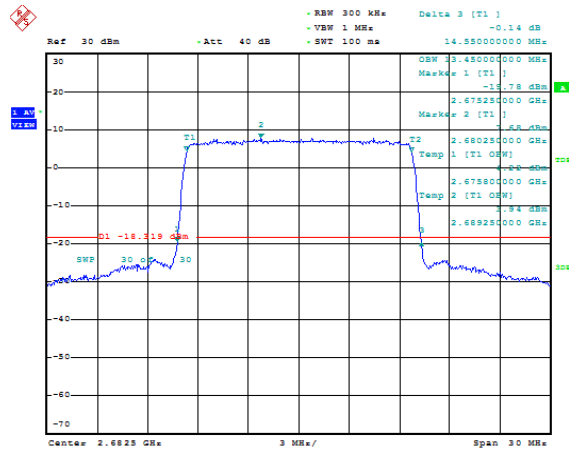
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Band41-15MHz-16QAM-40620-75RB#0-13.45



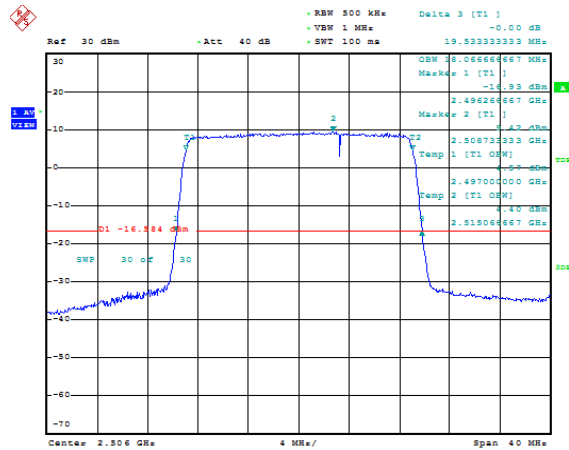
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Band41-15MHz-16QAM-41515-75RB#0-13.45



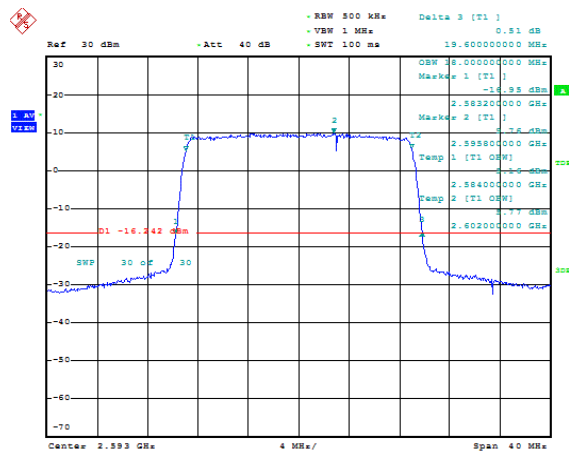
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Band41-20MHz-QPSK-39750-100RB#0-18.067



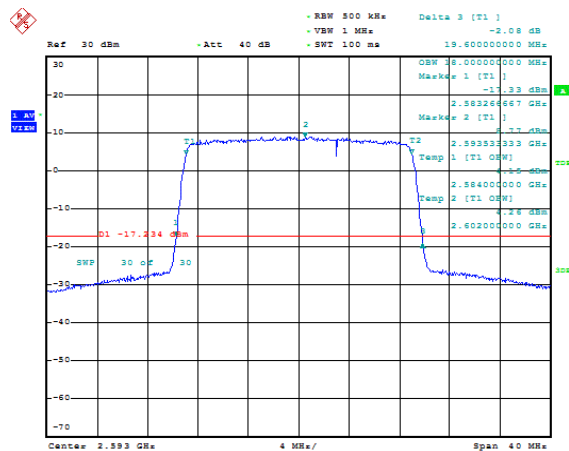
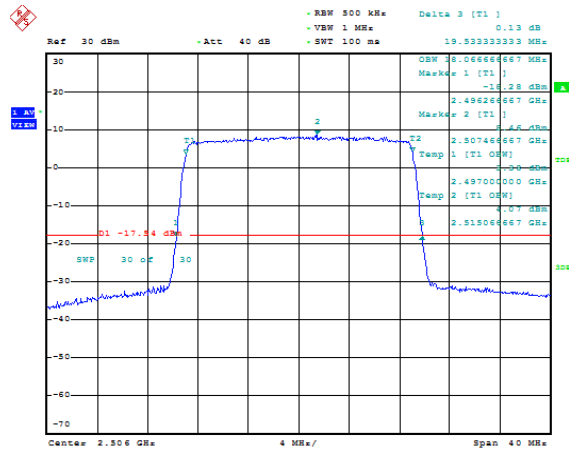
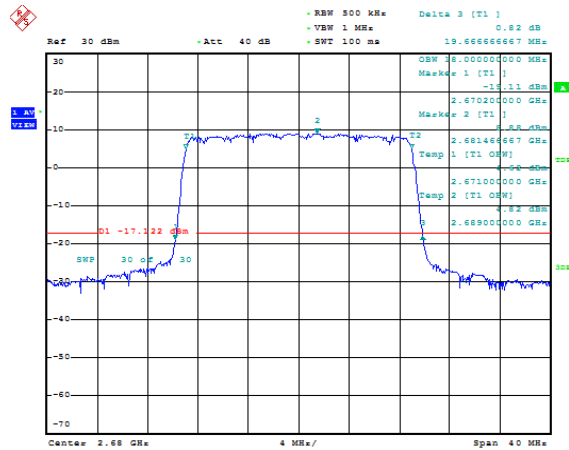
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Band41-20MHz-QPSK-40620-100RB#0-18



Date: 2.NOV.2020 17:02:03

Band41-20MHz-QPSK-41490-100RB#0-18



1.4. Appendix D: Band Edge

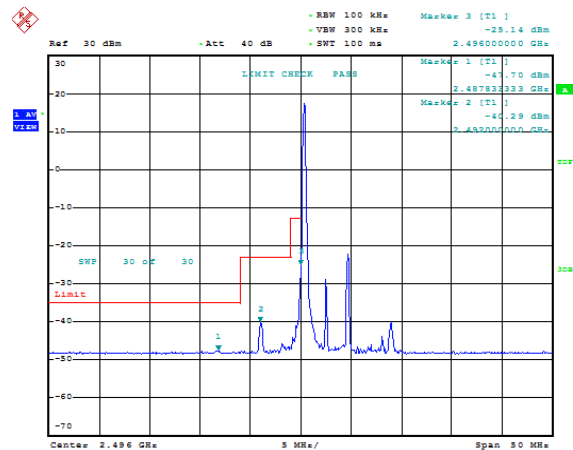
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	-47.70,-40.29,-25.14	PASS
Band41	5MHz	QPSK	39675	1RB#24	-47.96,-44.39,-47.37	PASS
Band41	5MHz	QPSK	39675	25RB#0	-43.95,-40.56,-32.65	PASS
Band41	5MHz	QPSK	41565	1RB#0	-47.08,-38.74,-47.54,-47.66	PASS
Band41	5MHz	QPSK	41565	1RB#24	-21.66,-43.34,-47.35,-47.07	PASS
Band41	5MHz	QPSK	41565	25RB#0	-29.76,-33.98,-41.20,-42.15	PASS
Band41	5MHz	16QAM	39675	1RB#0	-47.77,-41.53,-25.86	PASS
Band41	5MHz	16QAM	39675	1RB#24	-47.97,-44.84,-47.56	PASS
Band41	5MHz	16QAM	39675	25RB#0	-44.81,-38.88,-33.91	PASS
Band41	5MHz	16QAM	41565	1RB#0	-46.40,-41.51,-47.27,-47.54	PASS
Band41	5MHz	16QAM	41565	1RB#24	-23.76,-42.48,-47.40,-47.23	PASS
Band41	5MHz	16QAM	41565	25RB#0	-29.61,-32.79,-41.46,-43.34	PASS
Band41	10MHz	QPSK	39700	1RB#0	-46.60,-40.32,-20.75	PASS
Band41	10MHz	QPSK	39700	1RB#49	-46.08,-39.77,-45.72	PASS
Band41	10MHz	QPSK	39700	50RB#0	-44.04,-38.66,-33.87	PASS
Band41	10MHz	QPSK	41540	1RB#0	-45.85,-45.73,-44.30,-46.29	PASS
Band41	10MHz	QPSK	41540	1RB#49	-17.89,-42.25,-40.84,-46.42	PASS
Band41	10MHz	QPSK	41540	50RB#0	-28.97,-32.48,-35.12,-40.82	PASS
Band41	10MHz	16QAM	39700	1RB#0	-46.37,-41.19,-21.50	PASS
Band41	10MHz	16QAM	39700	1RB#49	-46.44,-41.58,-46.09	PASS
Band41	10MHz	16QAM	39700	50RB#0	-43.49,-37.87,-34.84	PASS
Band41	10MHz	16QAM	41540	1RB#0	-45.81,-45.74,-44.40,-46.45	PASS
Band41	10MHz	16QAM	41540	1RB#49	-17.67,-42.76,-42.00,-46.47	PASS
Band41	10MHz	16QAM	41540	50RB#0	-29.00,-31.52,-35.33,-41.10	PASS
Band41	15MHz	QPSK	39725	1RB#0	-46.25,-41.17,-19.73	PASS
Band41	15MHz	QPSK	39725	1RB#74	-46.31,-39.32,-45.77	PASS
Band41	15MHz	QPSK	39725	75RB#0	-44.36,-35.82,-33.72	PASS
Band41	15MHz	QPSK	41515	1RB#0	-45.26,-45.19,-40.80,-45.77	PASS
Band41	15MHz	QPSK	41515	1RB#74	-15.23,-43.96,-38.85,-45.53	PASS
Band41	15MHz	QPSK	41515	75RB#0	-29.91,-31.17,-33.11,-38.11	PASS
Band41	15MHz	16QAM	39725	1RB#0	-46.17,-41.49,-20.62	PASS
Band41	15MHz	16QAM	39725	1RB#74	-46.04,-39.89,-45.79	PASS
Band41	15MHz	16QAM	39725	75RB#0	-43.52,-36.43,-35.13	PASS

Band41	15MHz	16QAM	41515	1RB#0	-45.53,-45.44,-43.51,-45.83	PASS
Band41	15MHz	16QAM	41515	1RB#74	-18.79,-43.18,-41.34,-45.86	PASS
Band41	15MHz	16QAM	41515	75RB#0	-29.39,-30.05,-32.74,-38.79	PASS
Band41	20MHz	QPSK	39750	1RB#0	-57.50,-46.04,-20.26	PASS
Band41	20MHz	QPSK	39750	1RB#99	-56.73,-51.53,-54.32	PASS
Band41	20MHz	QPSK	39750	100RB#0	-44.54,-37.16,-29.02	PASS
Band41	20MHz	QPSK	41490	1RB#0	-56.18,-56.87,-47.41,-55.06	PASS
Band41	20MHz	QPSK	41490	1RB#99	-16.60,-41.65,-47.73,-56.63	PASS
Band41	20MHz	QPSK	41490	100RB#0	-27.52,-30.52,-32.75,-39.49	PASS
Band41	20MHz	16QAM	39750	1RB#0	-57.61,-44.76,-20.67	PASS
Band41	20MHz	16QAM	39750	1RB#99	-56.67,-49.85,-54.12	PASS
Band41	20MHz	16QAM	39750	100RB#0	-44.49,-36.50,-30.79	PASS
Band41	20MHz	16QAM	41490	1RB#0	-56.17,-56.59,-45.69,-55.30	PASS
Band41	20MHz	16QAM	41490	1RB#99	-17.73,-41.22,-47.95,-56.25	PASS
Band41	20MHz	16QAM	41490	100RB#0	-28.12,-29.66,-31.47,-39.82	PASS

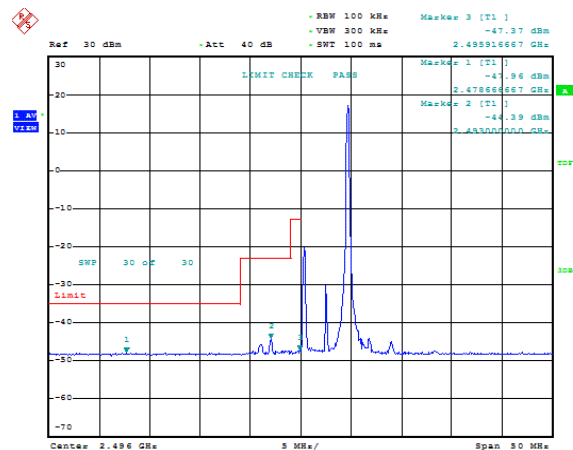
Test Graphs

Band41-5MHz-QPSK-39675-1RB#0



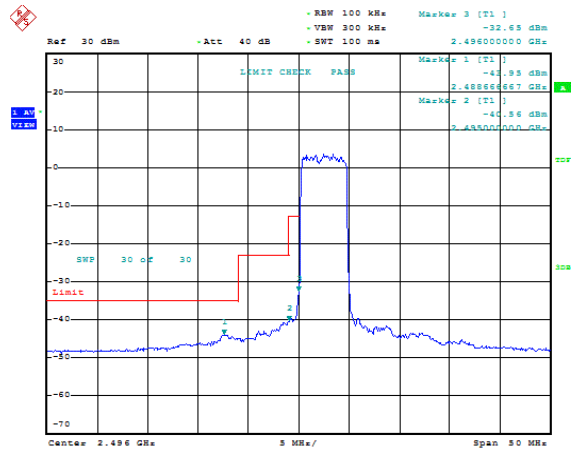
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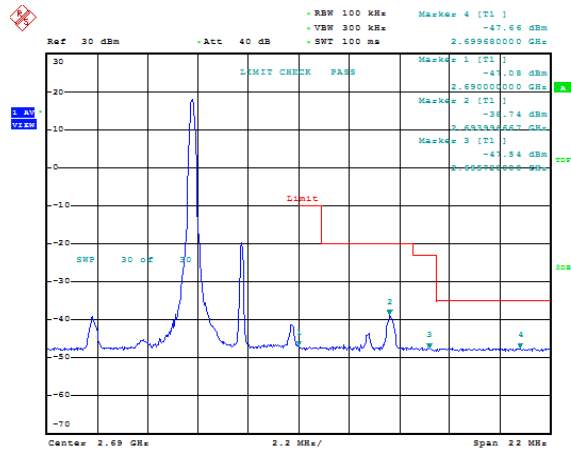
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Band41-5MHz-QPSK-39675-25RB#0



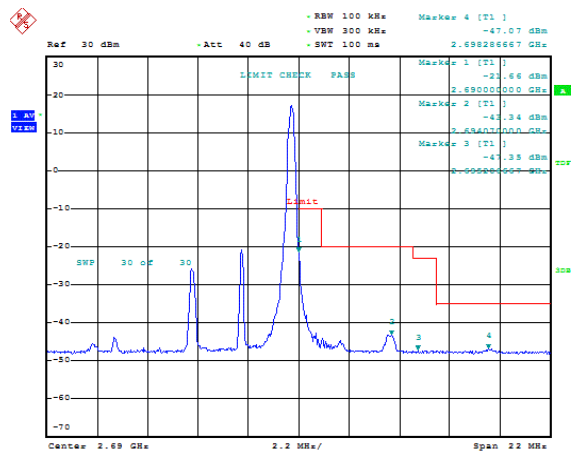
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Band41-5MHz-QPSK-41565-1RB#0



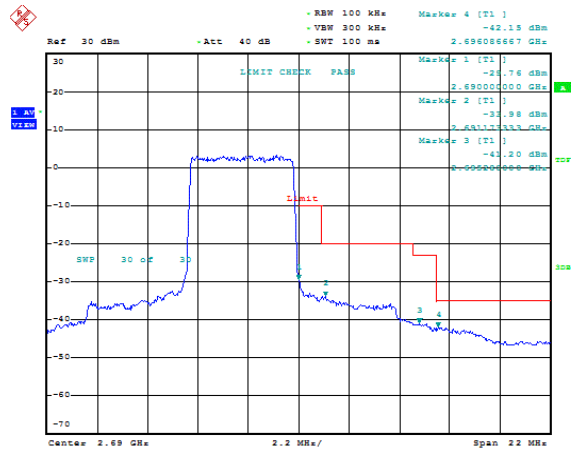
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Band41-5MHz-QPSK-41565-1RB#24



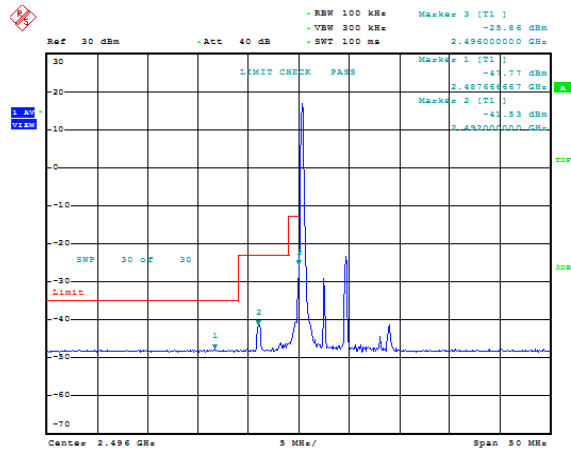
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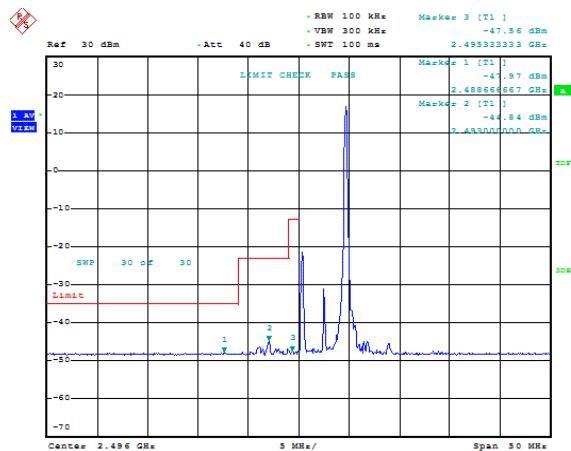
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Band41-5MHz-16QAM-39675-1RB#0



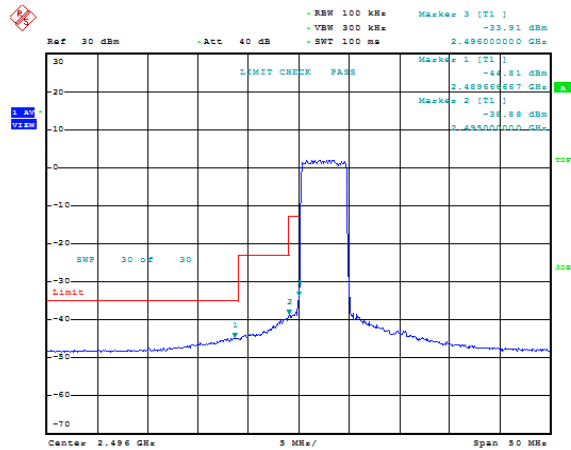
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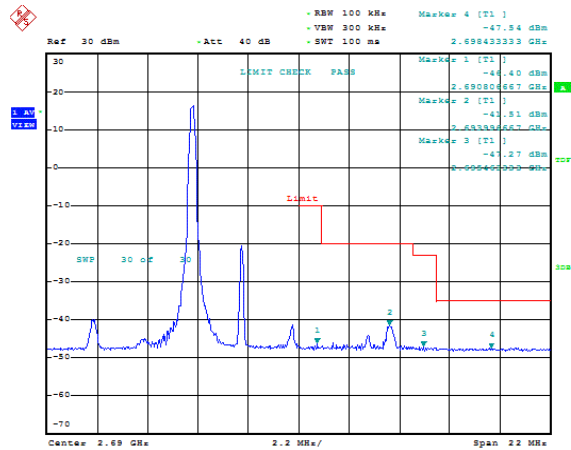
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Band41-5MHz-16QAM-39675-25RB#0



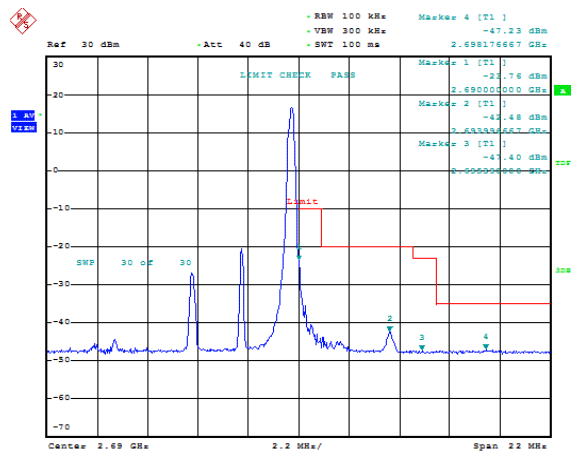
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Band41-5MHz-16QAM-41565-1RB#0



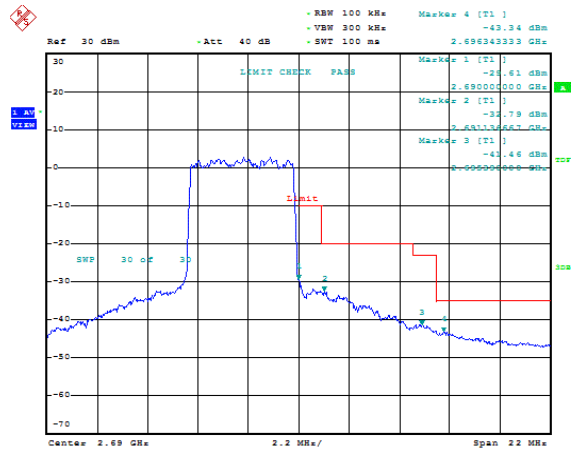
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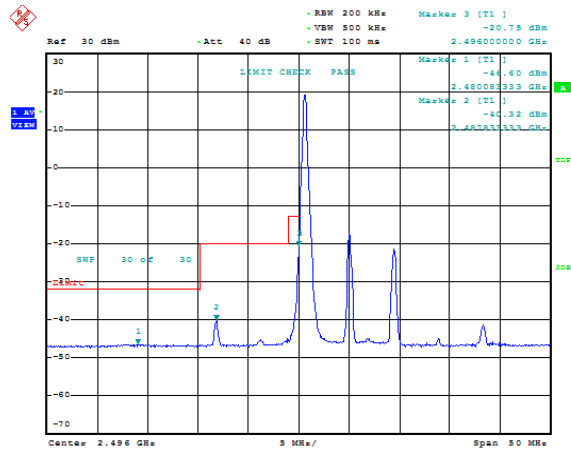
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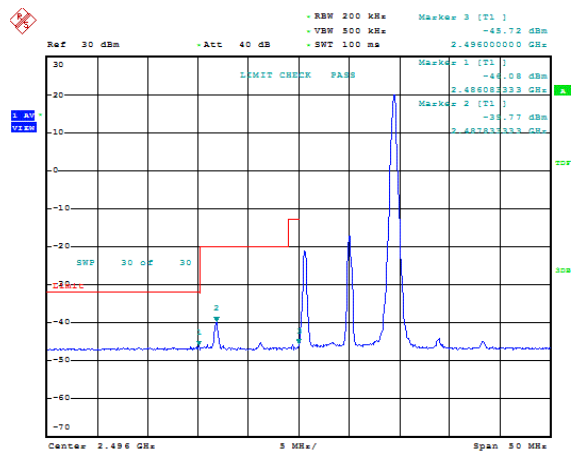
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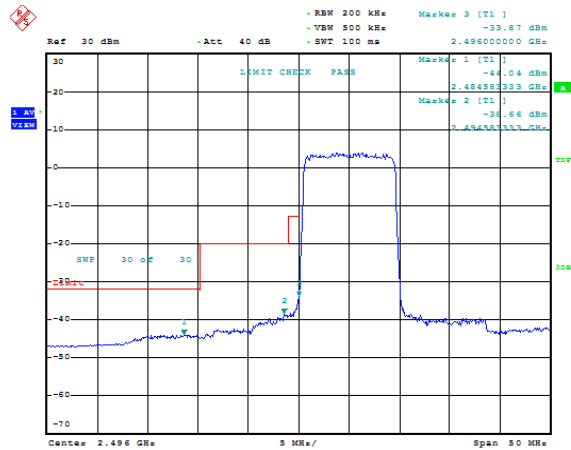
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Band41-10MHz-QPSK-39700-1RB#49



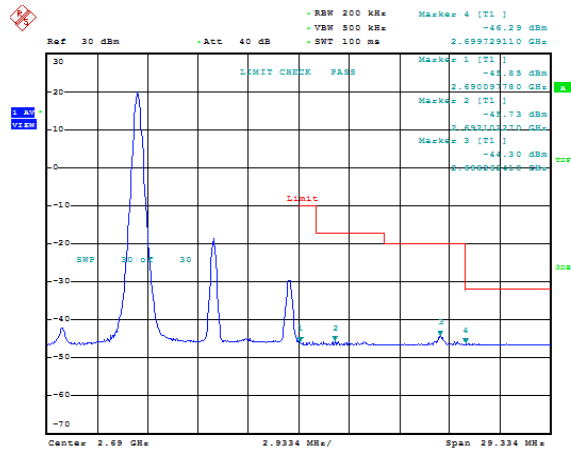
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Band41-10MHz-QPSK-39700-50RB#0



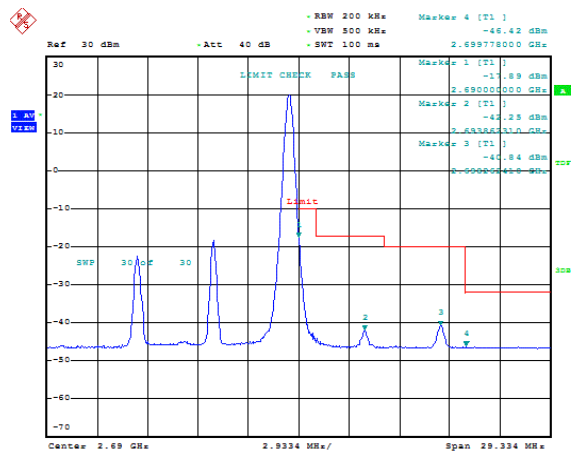
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Band41-10MHz-QPSK-41540-1RB#0



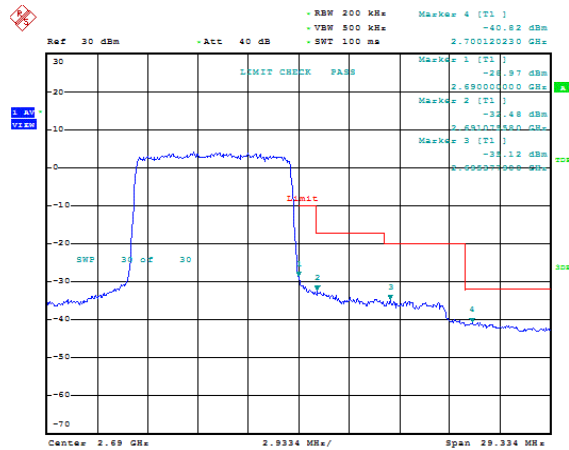
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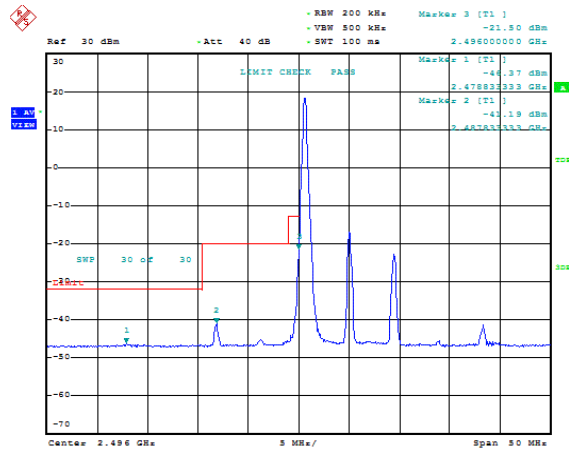
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Band41-10MHz-QPSK-41540-50RB#0



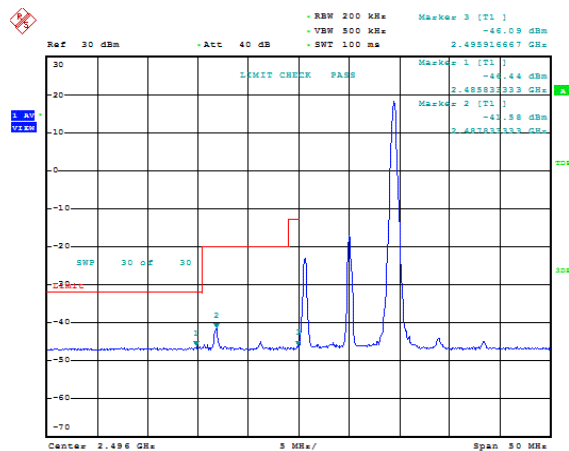
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Band41-10MHz-16QAM-39700-1RB#0



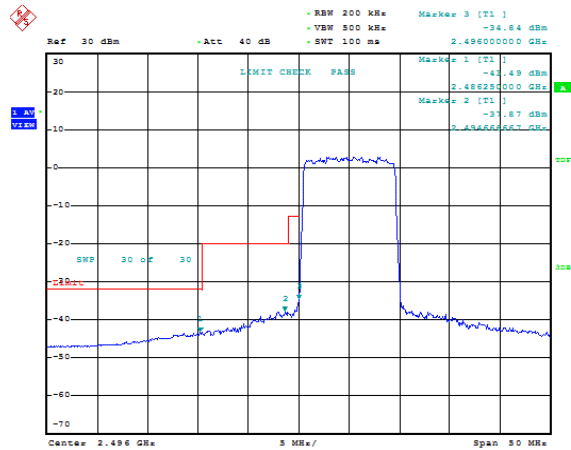
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Band41-10MHz-16QAM-39700-1RB#49



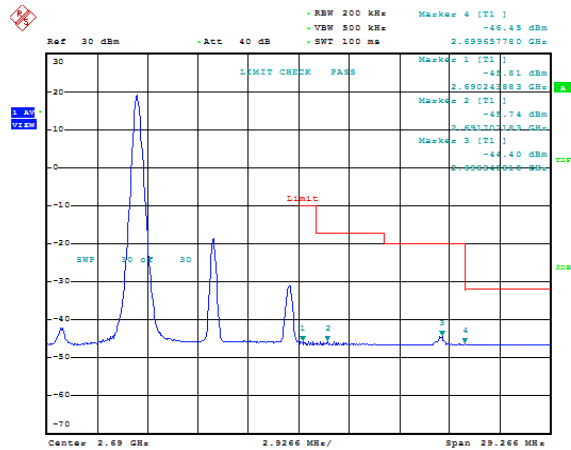
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Band41-10MHz-16QAM-39700-50RB#0



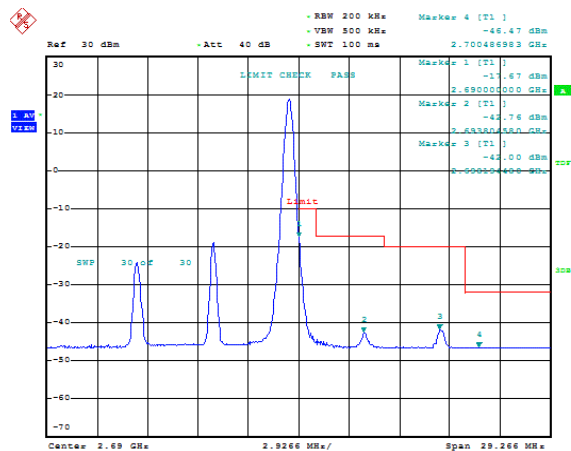
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Band41-10MHz-16QAM-41540-1RB#0



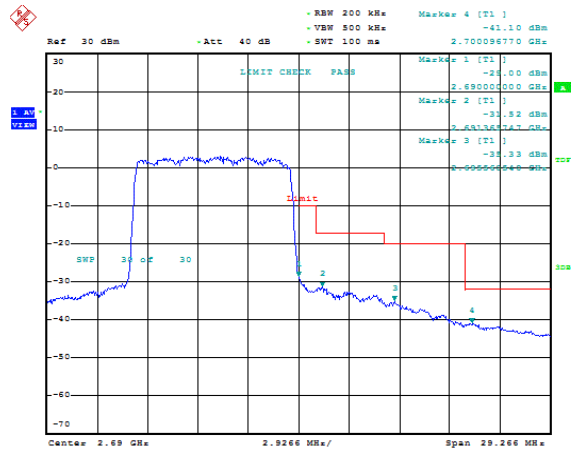
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Band41-10MHz-16QAM-41540-1RB#49



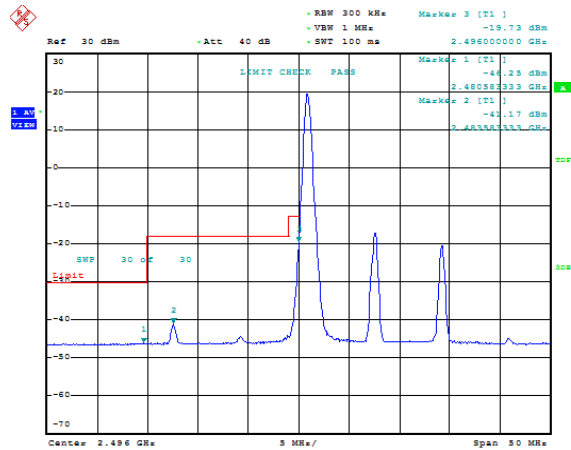
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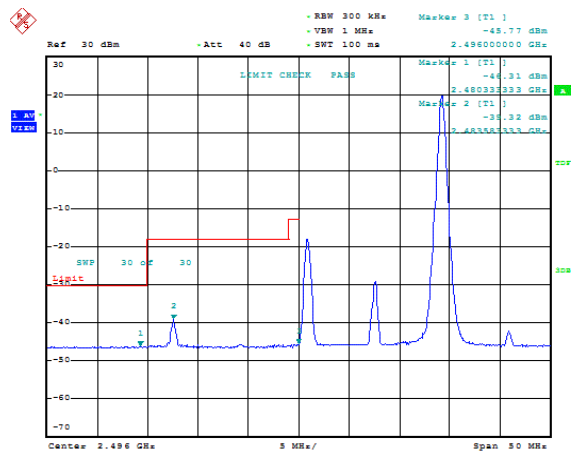
Date: 2.NOV.2020 16:11:12

Band41-15MHz-QPSK-39725-1RB#0



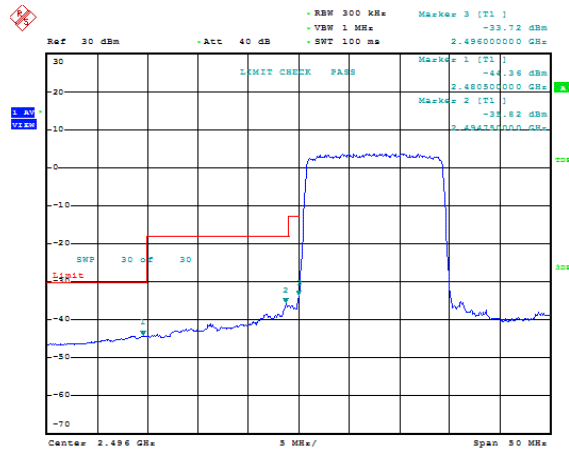
Date: 2.NOV.2020 16:29:04

Band41-15MHz-QPSK-39725-1RB#74



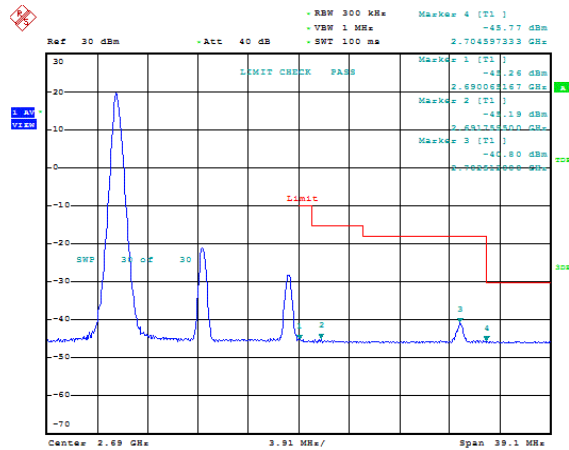
Date: 2.NOV.2020 16:29:26

Band41-15MHz-QPSK-39725-75RB#0



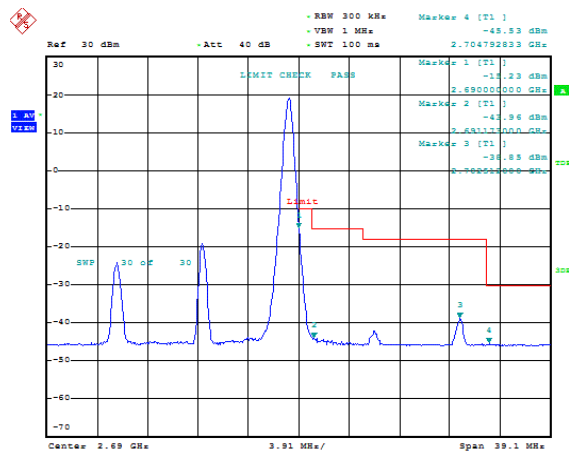
Date: 2.NOV.2020 16:29:49

Band41-15MHz-QPSK-41515-1RB#0



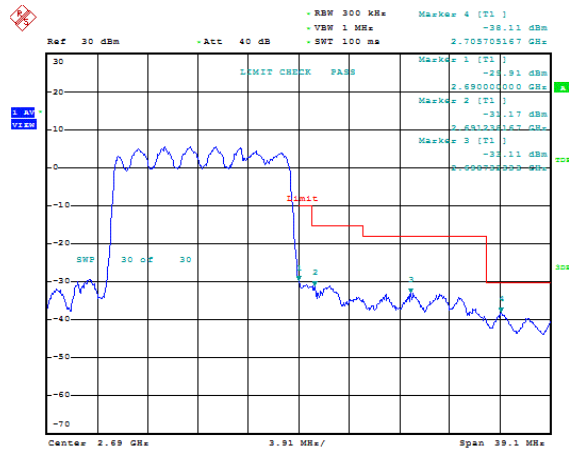
Date: 2.NOV.2020 16:30:25

Band41-15MHz-QPSK-41515-1RB#74



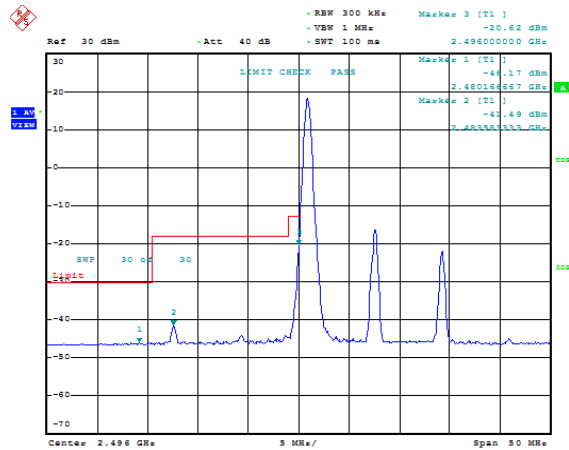
Date: 2.NOV.2020 16:30:46

Band41-15MHz-QPSK-41515-75RB#0



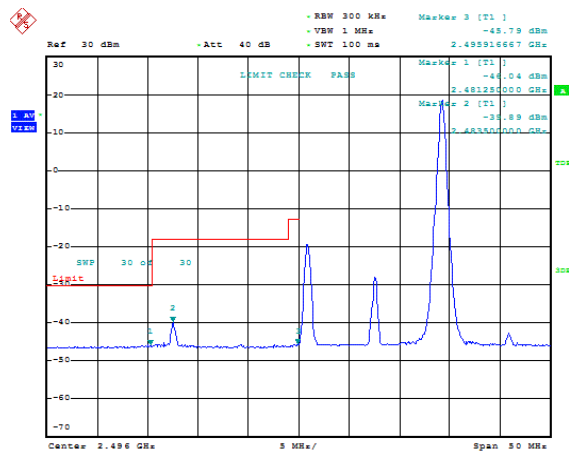
Date: 2.NOV.2020 16:31:11

Band41-15MHz-16QAM-39725-1RB#0



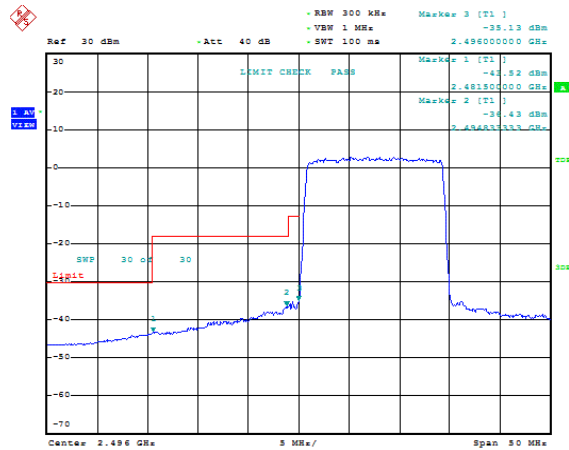
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Band41-15MHz-16QAM-39725-1RB#74



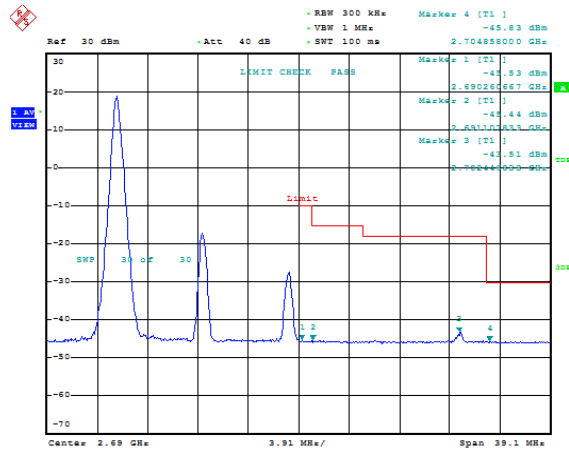
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Band41-15MHz-16QAM-39725-75RB#0



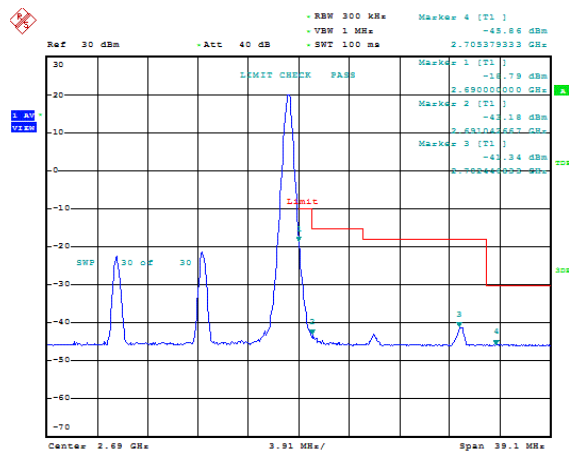
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Band41-15MHz-16QAM-41515-1RB#0



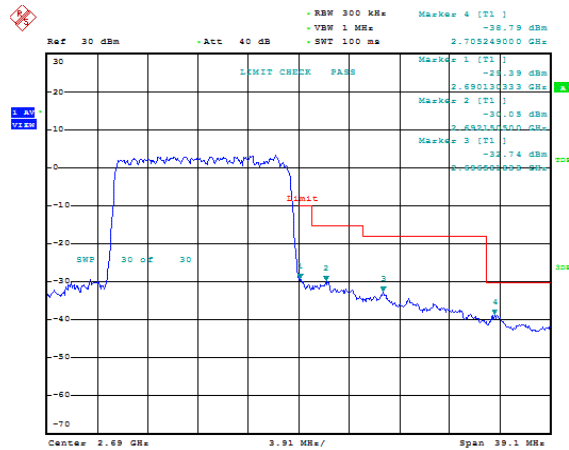
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Band41-15MHz-16QAM-41515-1RB#74



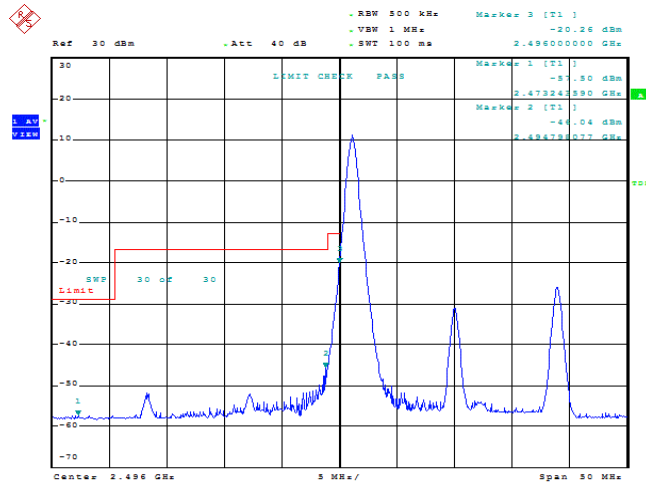
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Band41-15MHz-16QAM-41515-75RB#0



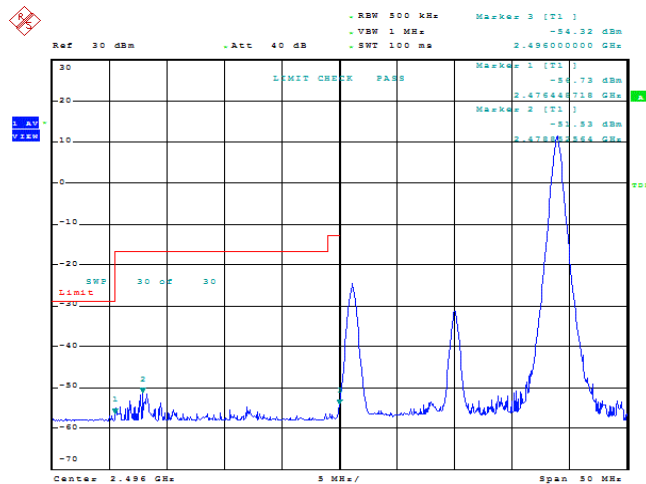
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Band41-20MHz-QPSK-39750-1RB#0



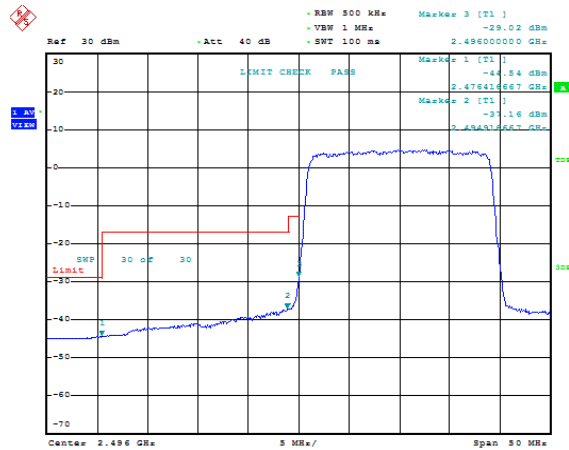
Date: 9.NOV.2020 09:13:40

Band41-20MHz-QPSK-39750-1RB#99

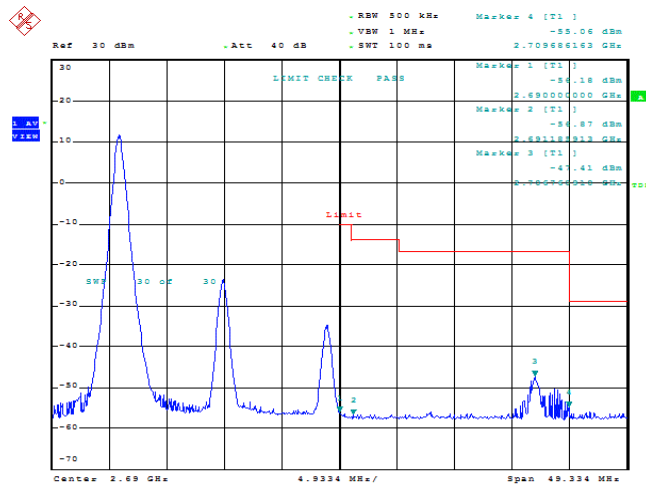


Date: 9.NOV.2020 09:14:05

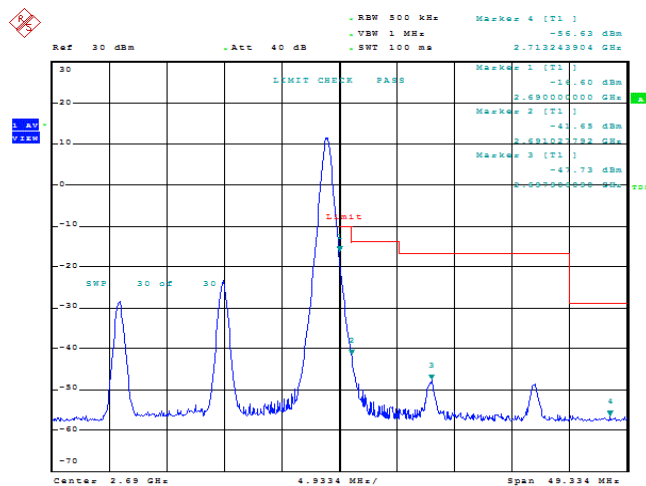
Band41-20MHz-QPSK-39750-100RB#0



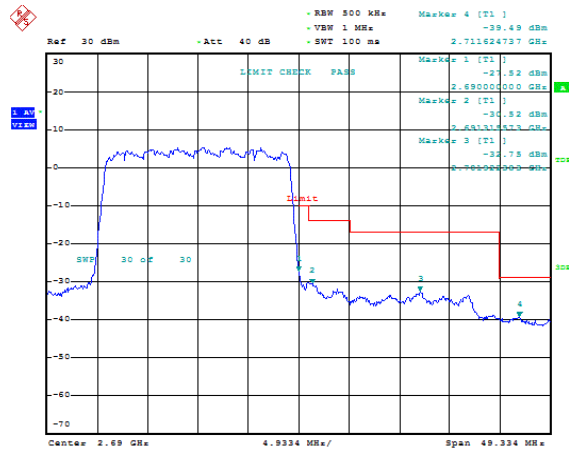
Band41-20MHz-QPSK-41490-1RB#0



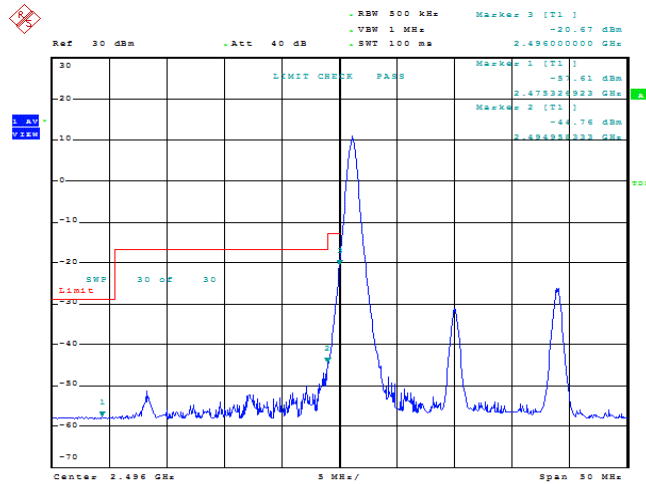
Band41-20MHz-QPSK-41490-1RB#99



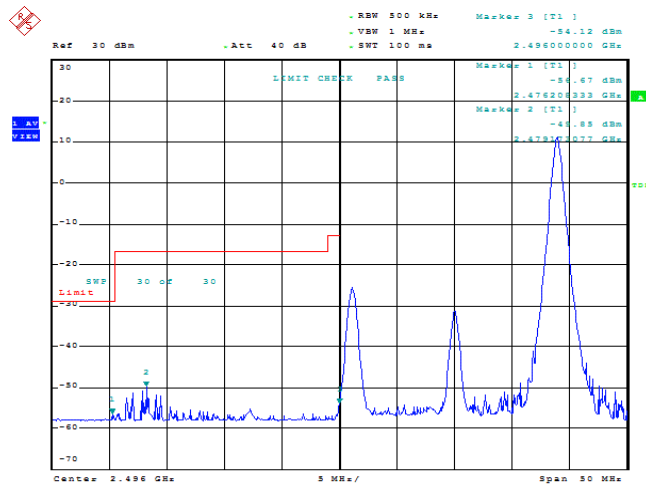
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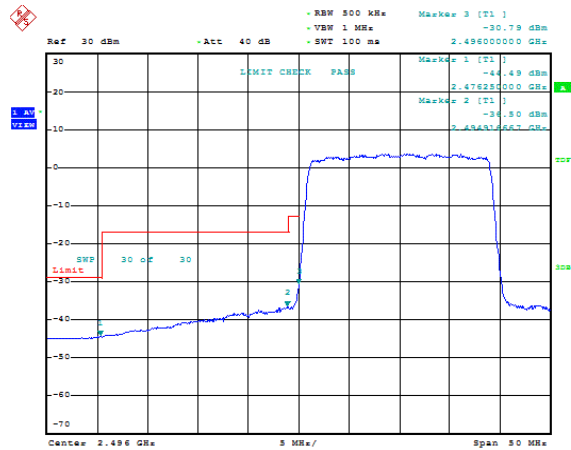
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Band41-20MHz-16QAM-39750-1RB#99

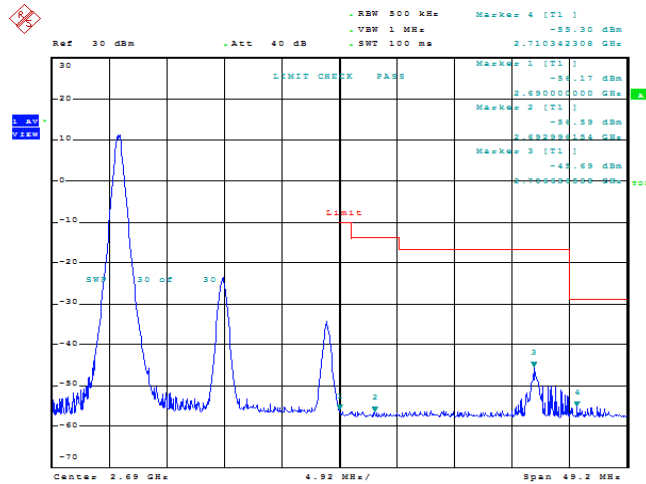


Band41-20MHz-16QAM-39750-100RB#0



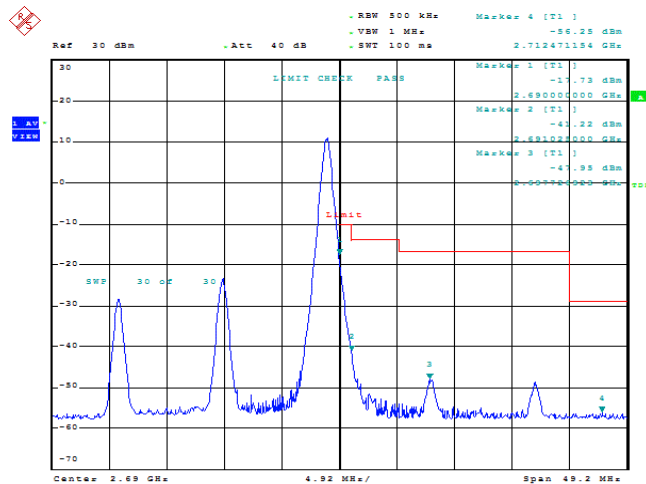
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Band41-20MHz-16QAM-41490-1RB#0



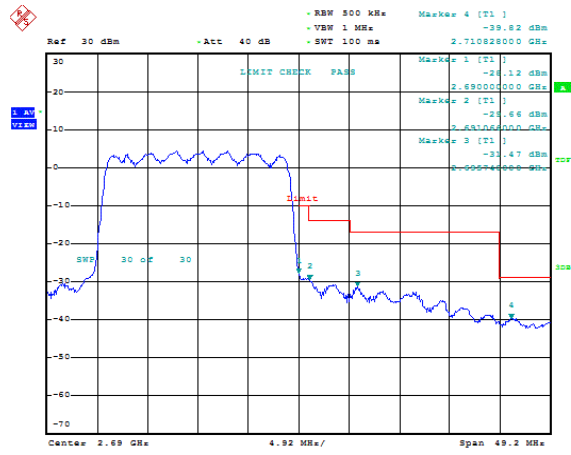
Date: 9.NOV.2020 09:15:10

Band41-20MHz-16QAM-41490-1RB#99



Date: 9.NOV.2020 09:15:35

Band41-20MHz-16QAM-41490-100RB#0



Date: 2.NOV.2020 17:05:13

1.5. Appendix E: Conducted Spurious Emission

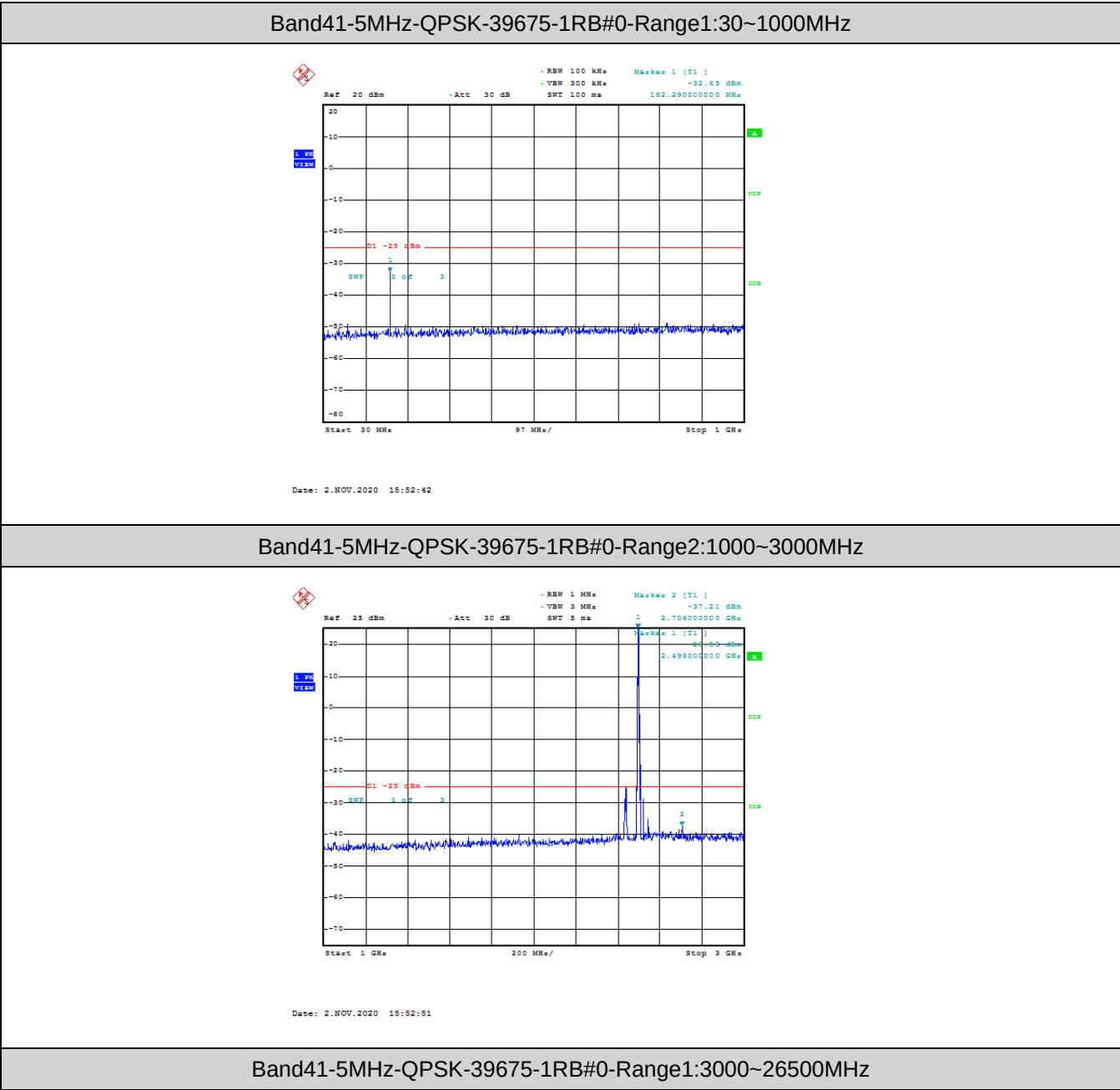
Test Result

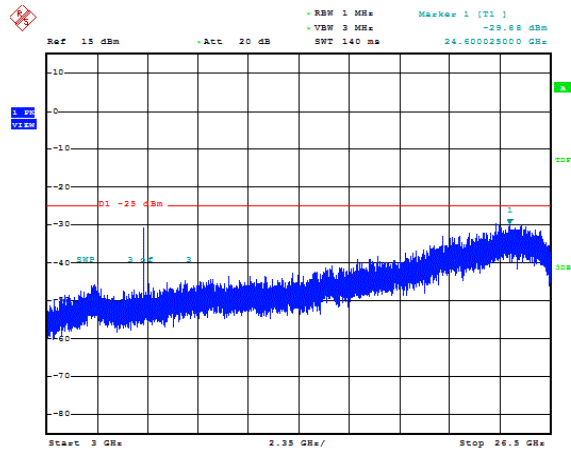
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	Range1:30~1000MHz	-32.65	PASS
Band41	5MHz	QPSK	39675	1RB#0	Range2:1000~3000MHz	-37.21	PASS
Band41	5MHz	QPSK	39675	1RB#0	Range1:3000~26500MHz	-29.88	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-27.44	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range2:1000~3000MHz	-25.03	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range1:3000~26500MHz	-28.84	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range1:30~1000MHz	-25.67	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range2:1000~3000MHz	-24.98	FAIL
Band41	5MHz	QPSK	41565	1RB#0	Range1:3000~26500MHz	-30.07	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range1:30~1000MHz	-30.48	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range2:1000~3000MHz	-37.41	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range1:3000~26500MHz	-29.52	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-31.1	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range2:1000~3000MHz	-24.81	FAIL
Band41	5MHz	16QAM	40620	1RB#0	Range1:3000~26500MHz	-29.68	PASS
Band41	5MHz	16QAM	41565	1RB#0	Range1:30~1000MHz	-25.57	PASS
Band41	5MHz	16QAM	41565	1RB#0	Range2:1000~3000MHz	-25.55	PASS
Band41	5MHz	16QAM	41565	1RB#0	Range1:3000~26500MHz	-28.79	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range1:30~1000MHz	-32.54	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range2:1000~3000MHz	-38.99	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range1:3000~26500MHz	-29.63	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-28.83	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range2:1000~3000MHz	-25.39	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range1:3000~26500MHz	-29.45	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range1:30~1000MHz	-24.85	FAIL
Band41	10MHz	QPSK	41540	1RB#0	Range2:1000~3000MHz	-25.22	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range1:3000~26500MHz	-28.56	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range1:30~1000MHz	-32.86	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range2:1000~3000MHz	-37.81	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range1:3000~26500MHz	-29.51	PASS
Band41	10MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-29.11	PASS
Band41	10MHz	16QAM	40620	1RB#0	Range2:1000~3000MHz	-25.34	PASS

Band41	10MHz	16QAM	40620	1RB#0	Range1:3000~26500MHz	-30.14	PASS
Band41	10MHz	16QAM	41540	1RB#0	Range1:30~1000MHz	-24.89	FAIL
Band41	10MHz	16QAM	41540	1RB#0	Range2:1000~3000MHz	-25.02	PASS
Band41	10MHz	16QAM	41540	1RB#0	Range1:3000~26500MHz	-29.35	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range1:30~1000MHz	-31.79	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range2:1000~3000MHz	-32.41	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range1:3000~26500MHz	-30.36	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-29.42	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range2:1000~3000MHz	-25.46	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range1:3000~26500MHz	-29.99	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range1:30~1000MHz	-24.89	FAIL
Band41	15MHz	QPSK	41515	1RB#0	Range2:1000~3000MHz	-25.24	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range1:3000~26500MHz	-29.4	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range1:30~1000MHz	-31.52	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range2:1000~3000MHz	-30.3	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range1:3000~26500MHz	-30.04	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-31.69	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range2:1000~3000MHz	-25.3	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range1:3000~26500MHz	-29.26	PASS
Band41	15MHz	16QAM	41515	1RB#0	Range1:30~1000MHz	-23.98	FAIL
Band41	15MHz	16QAM	41515	1RB#0	Range2:1000~3000MHz	-33.48	PASS
Band41	15MHz	16QAM	41515	1RB#0	Range1:3000~26500MHz	-28.21	PASS
Band41	20MHz	QPSK	39750	1RB#0	Range1:30~1000MHz	-33.52	PASS
Band41	20MHz	QPSK	39750	1RB#0	Range2:1000~3000MHz	-29.7	PASS
Band41	20MHz	QPSK	39750	1RB#0	Range1:3000~26500MHz	-29.73	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-28.15	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range2:1000~3000MHz	-25.39	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range1:3000~26500MHz	-29.18	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range1:30~1000MHz	-27.46	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range2:1000~3000MHz	-25.92	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range1:3000~26500MHz	-29.38	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range1:30~1000MHz	-32.14	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range2:1000~3000MHz	-29.51	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range1:3000~26500MHz	-29.29	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-29.41	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range2:1000~3000MHz	-26.97	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range1:3000~26500MHz	-28.88	PASS
Band41	20MHz	16QAM	41490	1RB#0	Range1:30~1000MHz	-29.03	PASS

Band41	20MHz	16QAM	41490	1RB#0	Range2:1000~3000MHz	-25.73	PASS
Band41	20MHz	16QAM	41490	1RB#0	Range1:3000~26500MHz	-29.74	PASS

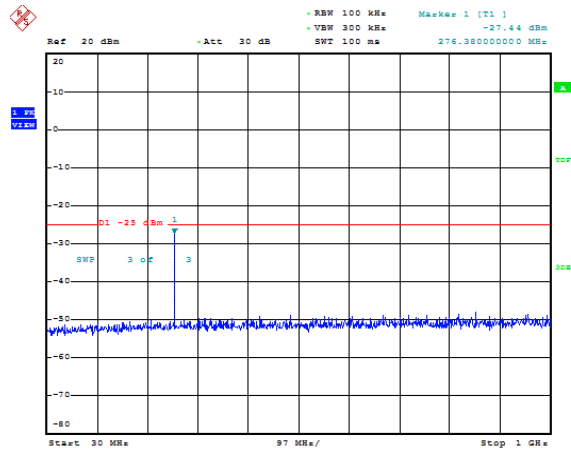
Test Graphs





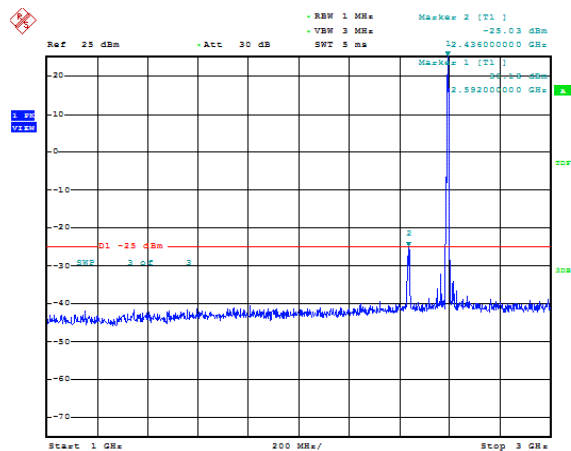
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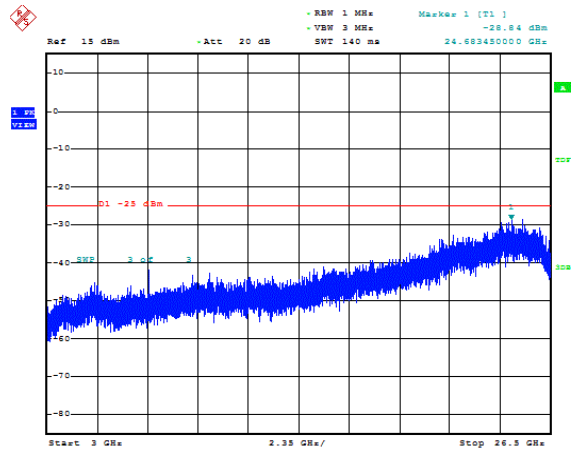
Date: 2.NOV.2020 15:59:35

Band41-5MHz-QPSK-40620-1RB#0-Range2:1000~3000MHz



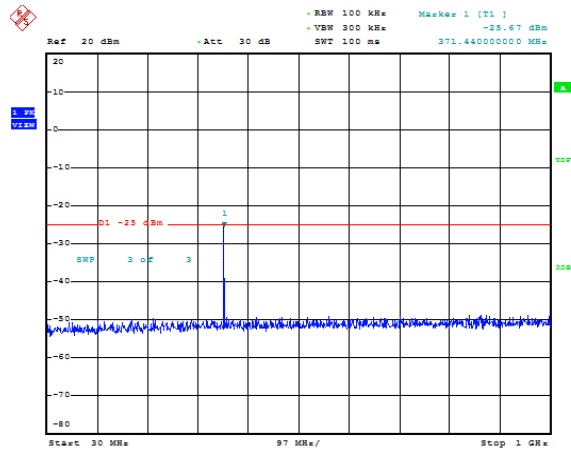
Date: 2.NOV.2020 15:59:49

Band41-5MHz-QPSK-40620-1RB#0-Range1:3000~26500MHz



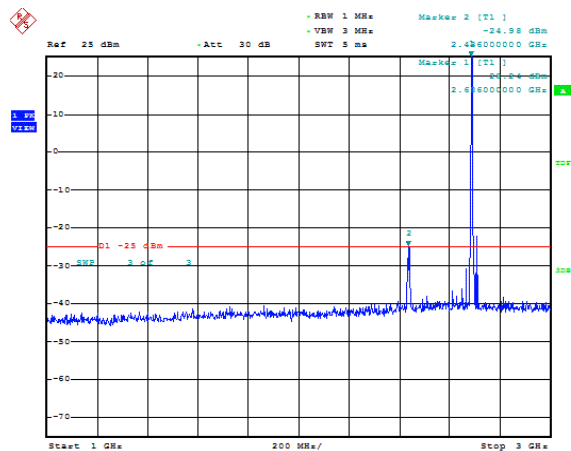
Date: 2.NOV.2020 17:19:36

Band41-5MHz-QPSK-41565-1RB#0-Range1:30~1000MHz



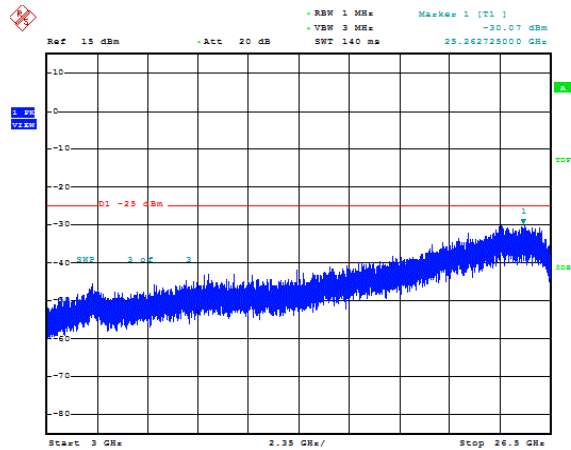
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Band41-5MHz-QPSK-41565-1RB#0-Range2:1000~3000MHz



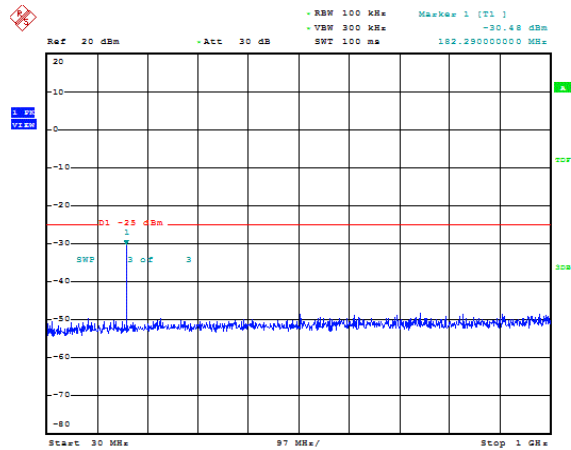
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Band41-5MHz-QPSK-41565-1RB#0-Range1:3000~26500MHz



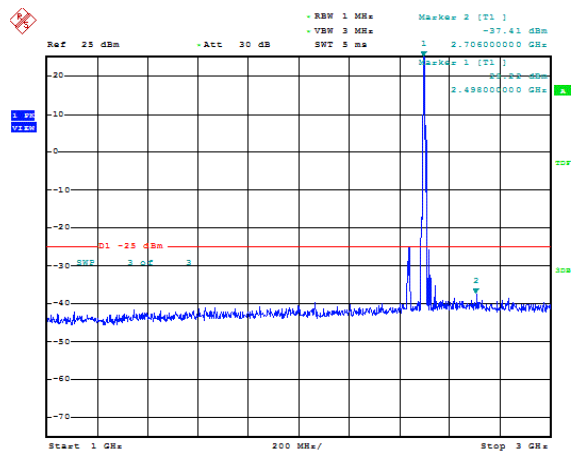
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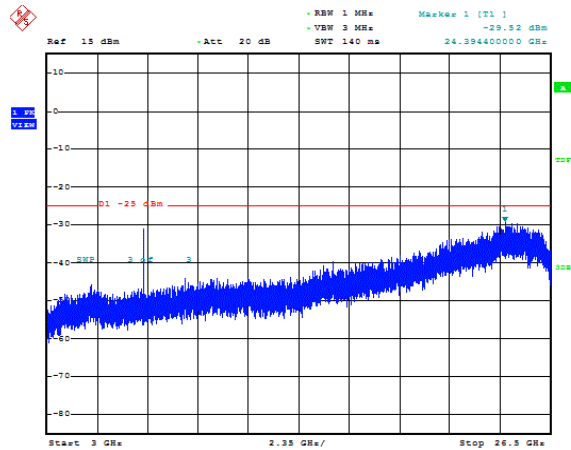
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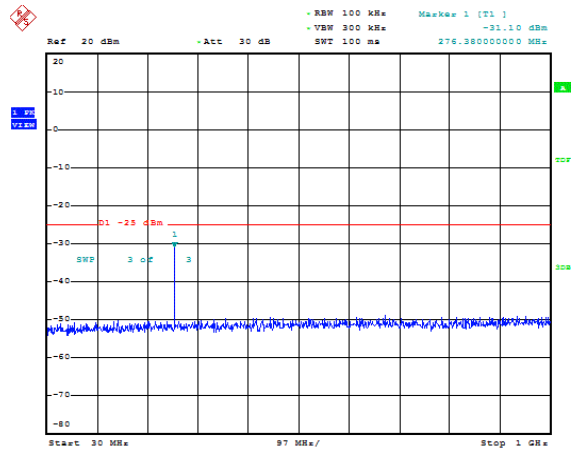
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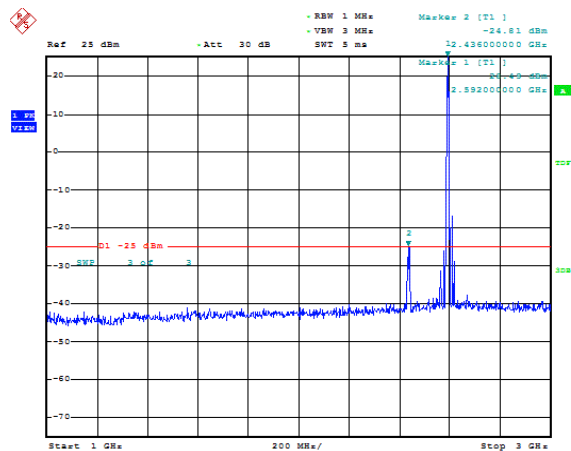
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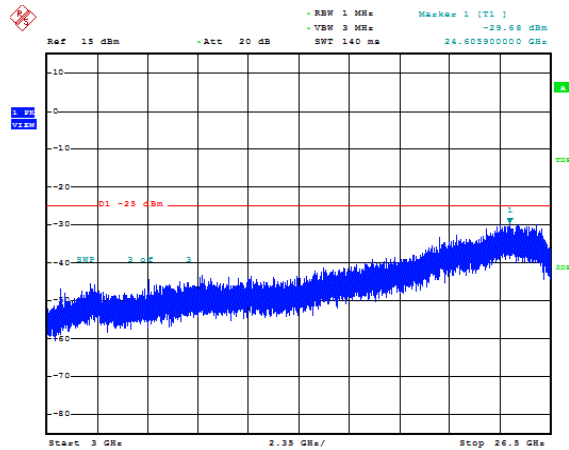
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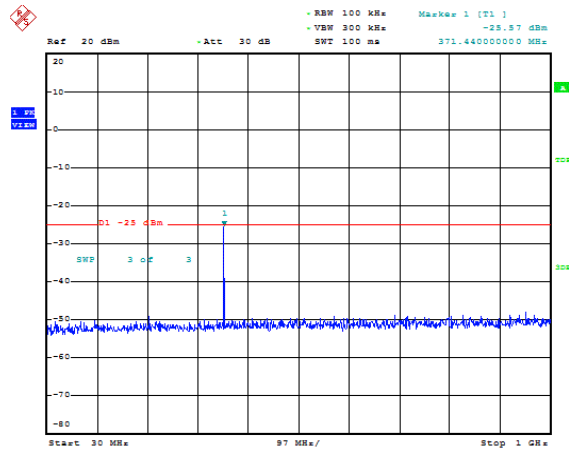
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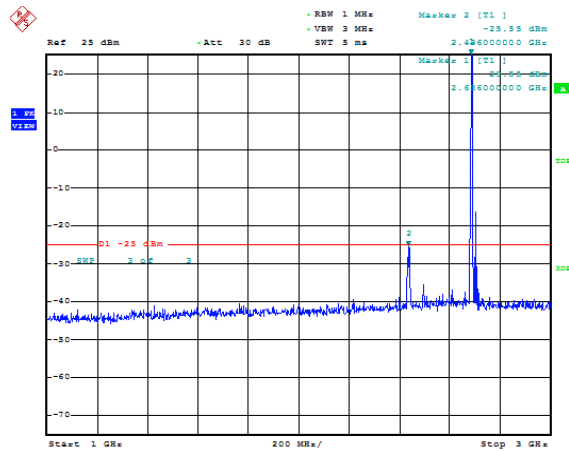
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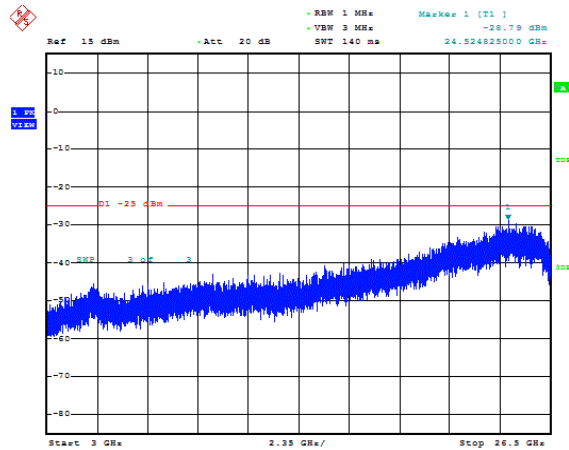
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Band41-5MHz-16QAM-41565-1RB#0-Range2:1000~3000MHz



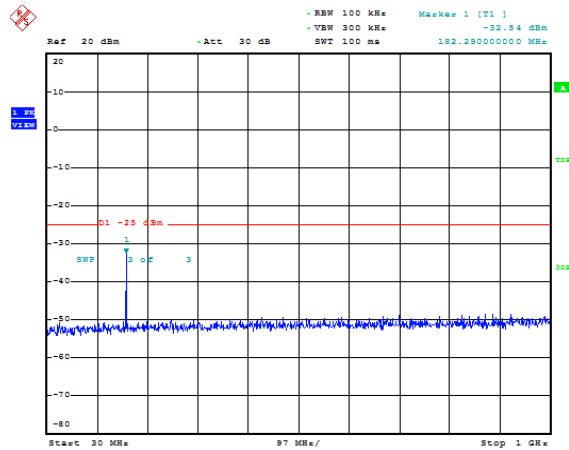
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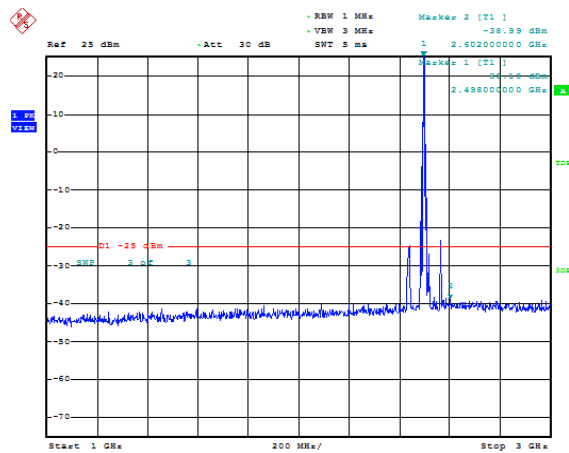
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Band41-10MHz-QPSK-39700-1RB#0-Range1:30~1000MHz



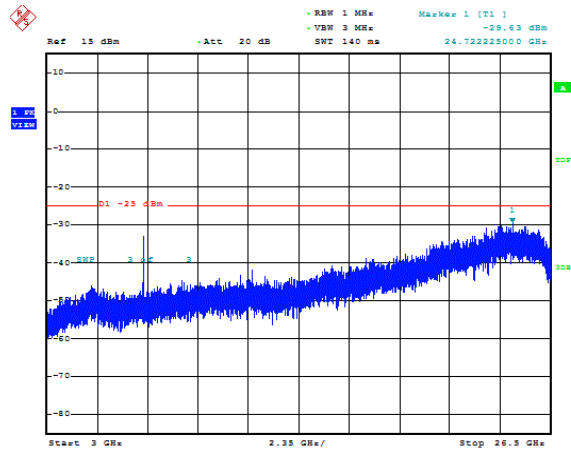
Date: 2.NOV.2020 16:11:24

Band41-10MHz-QPSK-39700-1RB#0-Range2:1000~3000MHz



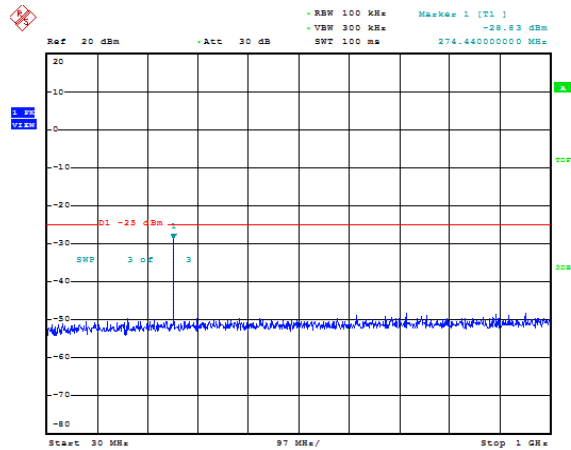
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Band41-10MHz-QPSK-39700-1RB#0-Range1:3000~26500MHz



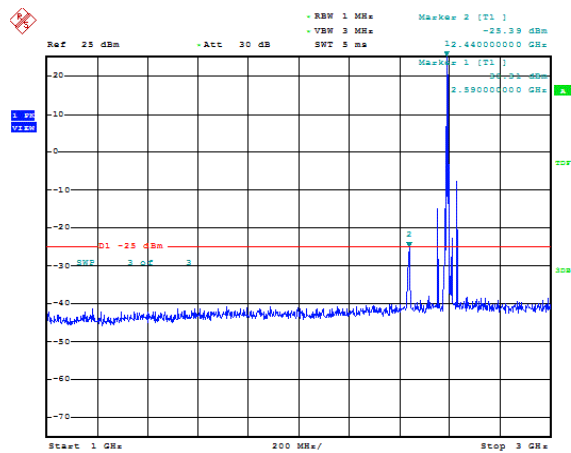
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Band41-10MHz-QPSK-40620-1RB#0-Range1:30~1000MHz



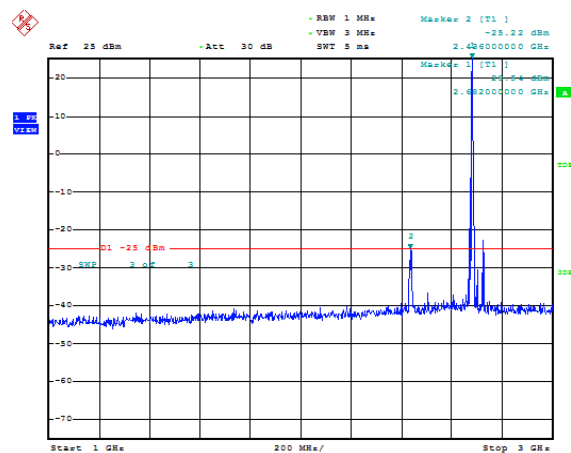
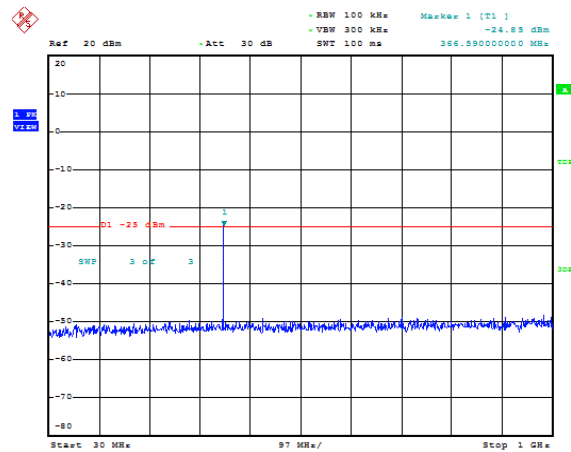
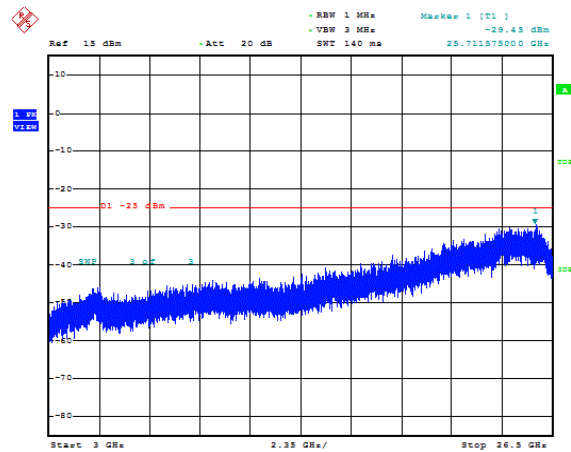
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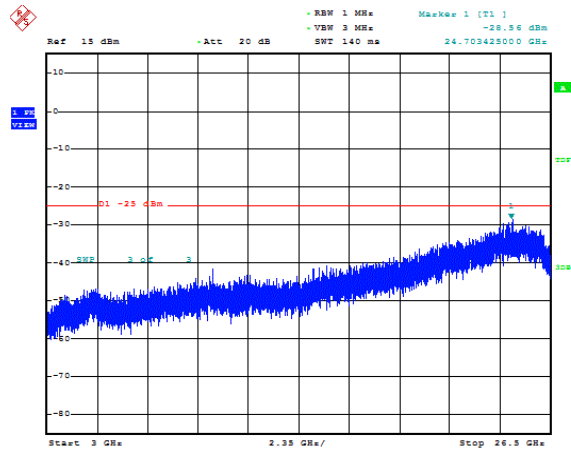
Band41-10MHz-QPSK-40620-1RB#0-Range2:1000~3000MHz



Date: 2.NOV.2020 16:12:25

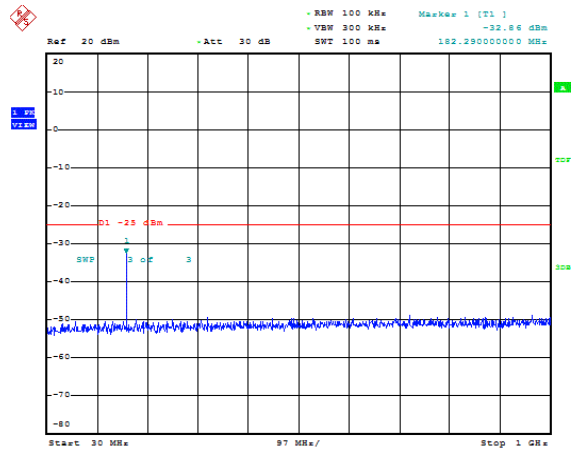
Band41-10MHz-QPSK-40620-1RB#0-Range1:3000~26500MHz





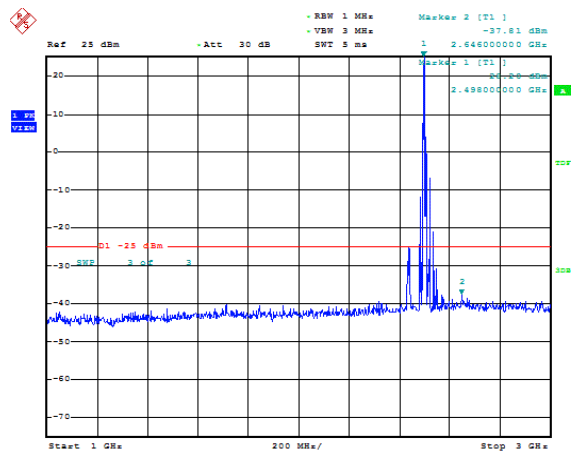
Date: 2.NOV.2020 17:22:56

Band41-10MHz-16QAM-39700-1RB#0-Range1:30~1000MHz



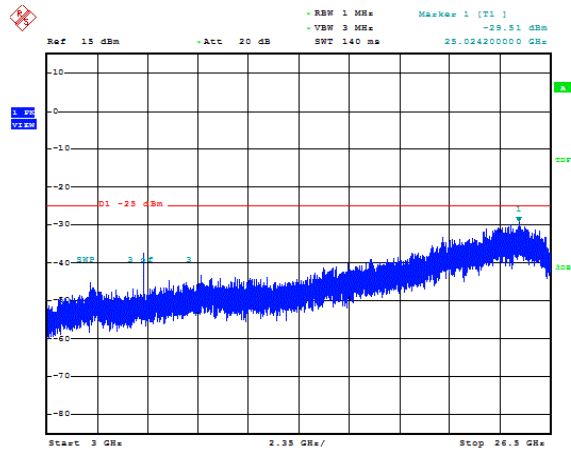
Date: 2.NOV.2020 16:11:49

Band41-10MHz-16QAM-39700-1RB#0-Range2:1000~3000MHz



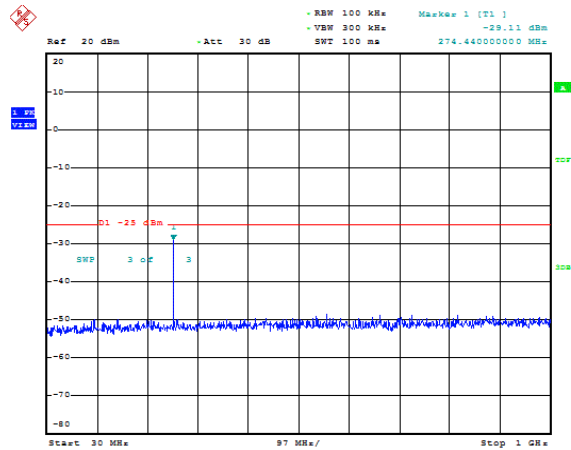
Date: 2.NOV.2020 16:11:57

Band41-10MHz-16QAM-39700-1RB#0-Range1:3000~26500MHz



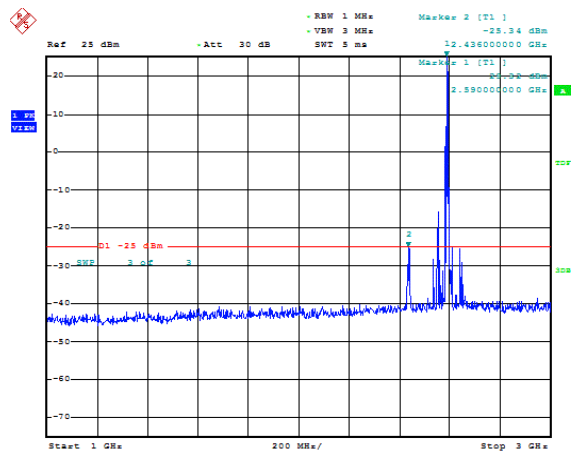
Date: 2.NOV.2020 17:22:24

Band41-10MHz-16QAM-40620-1RB#0-Range1:30~1000MHz



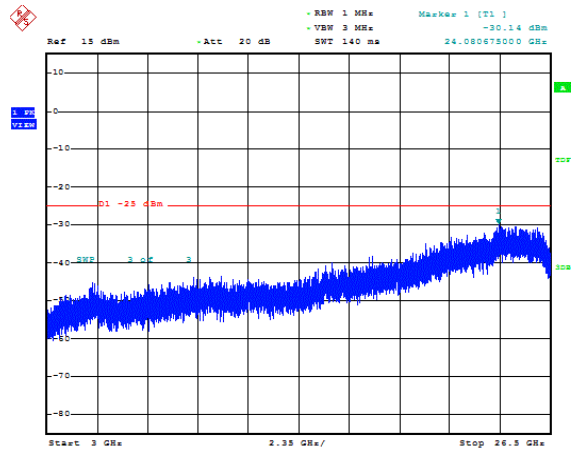
Date: 2.NOV.2020 16:12:42

Band41-10MHz-16QAM-40620-1RB#0-Range2:1000~3000MHz



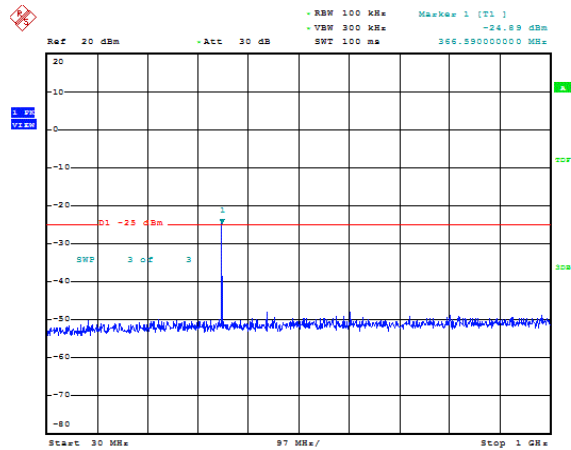
Date: 2.NOV.2020 16:12:50

Band41-10MHz-16QAM-40620-1RB#0-Range1:3000~26500MHz



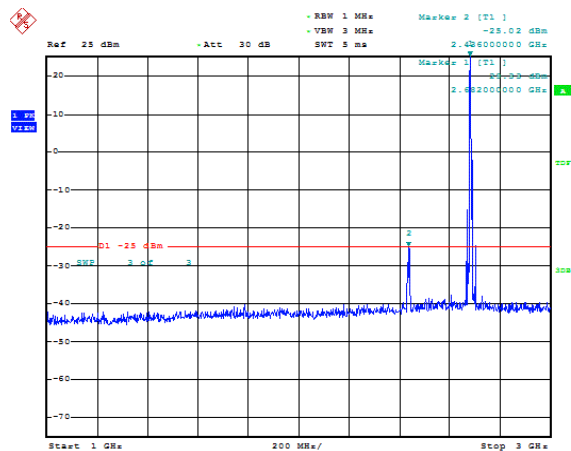
Date: 2.NOV.2020 17:22:45

Band41-10MHz-16QAM-41540-1RB#0-Range1:30~1000MHz



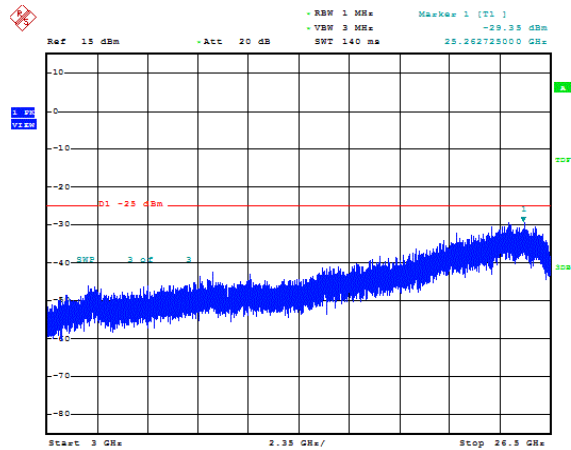
Date: 2.NOV.2020 16:13:35

Band41-10MHz-16QAM-41540-1RB#0-Range2:1000~3000MHz



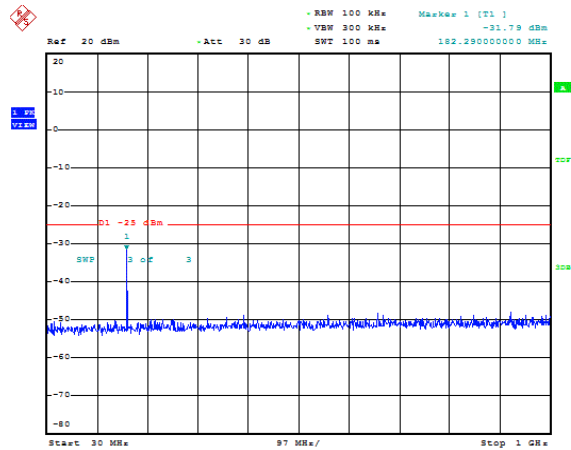
Date: 2.NOV.2020 16:13:43

Band41-10MHz-16QAM-41540-1RB#0-Range1:3000~26500MHz



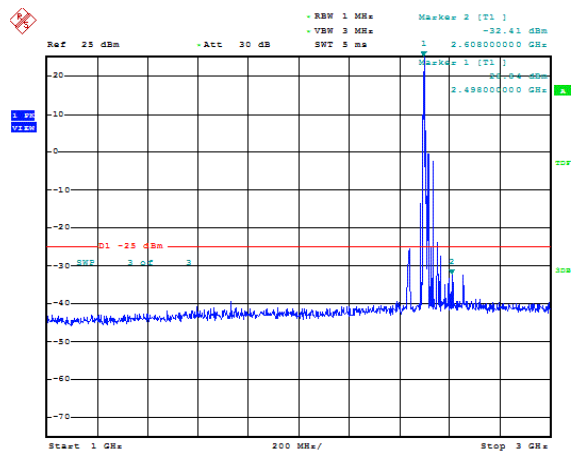
Date: 2.NOV.2020 17:28:05

Band41-15MHz-QPSK-39725-1RB#0-Range1:30~1000MHz



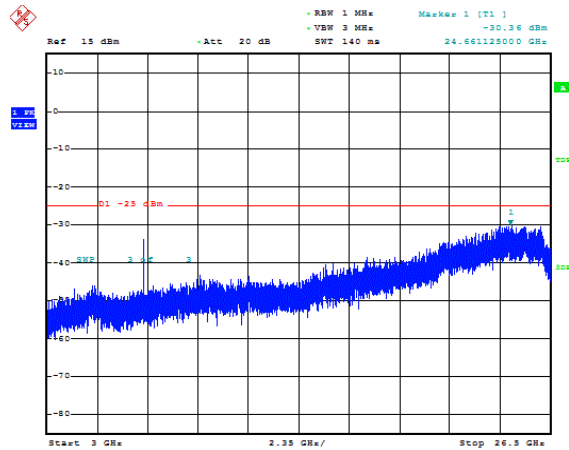
Date: 2.NOV.2020 16:31:35

Band41-15MHz-QPSK-39725-1RB#0-Range2:1000~3000MHz



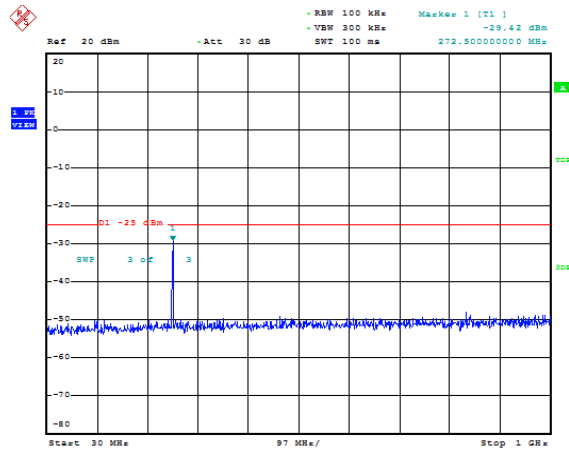
Date: 2.NOV.2020 16:31:43

Band41-15MHz-QPSK-39725-1RB#0-Range1:3000~26500MHz



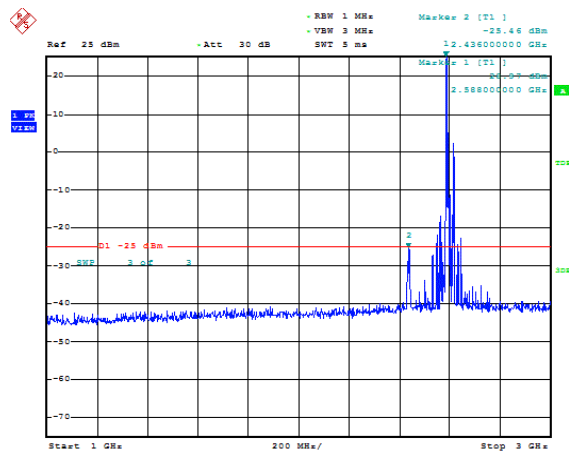
Date: 2.NOV.2020 17:26:17

Band41-15MHz-QPSK-40620-1RB#0-Range1:30~1000MHz



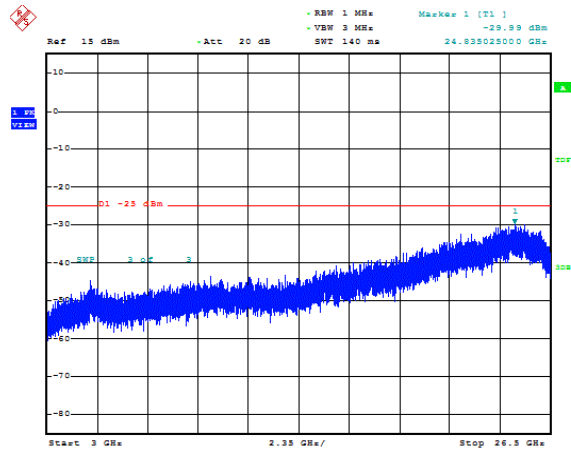
Date: 2.NOV.2020 16:22:28

Band41-15MHz-QPSK-40620-1RB#0-Range2:1000~3000MHz



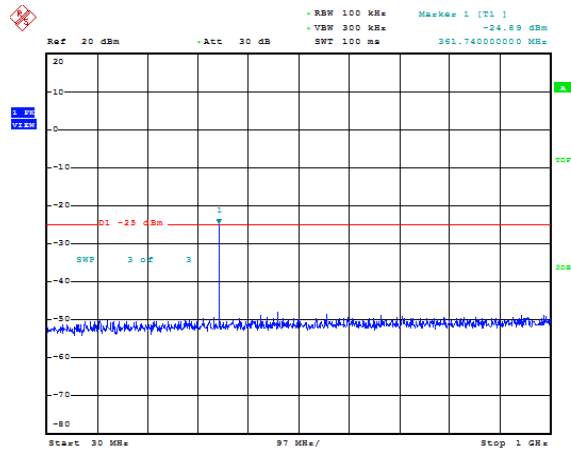
Date: 2.NOV.2020 16:22:36

Band41-15MHz-QPSK-40620-1RB#0-Range1:3000~26500MHz



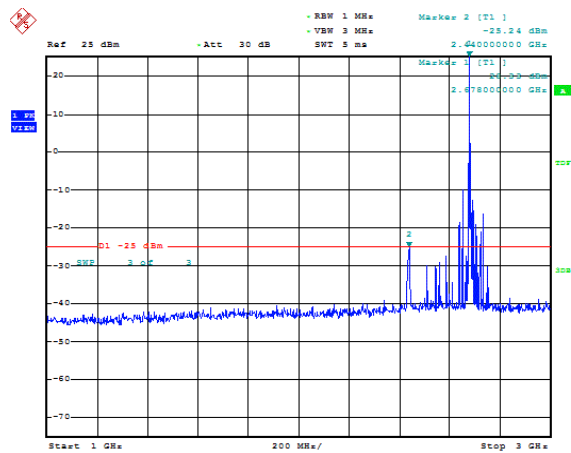
Date: 2.NOV.2020 17:26:37

Band41-15MHz-QPSK-41515-1RB#0-Range1:30~1000MHz



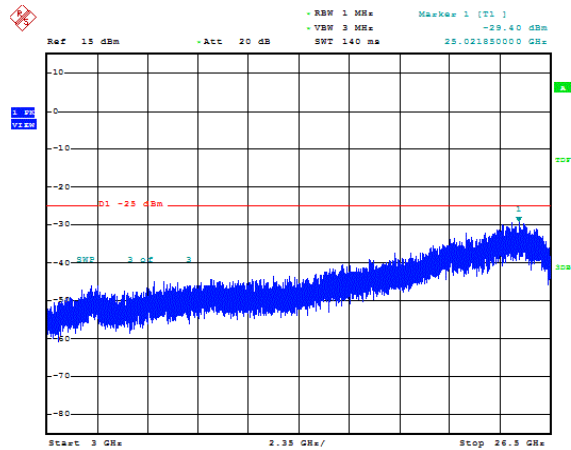
Date: 2.NOV.2020 16:23:20

Band41-15MHz-QPSK-41515-1RB#0-Range2:1000~3000MHz



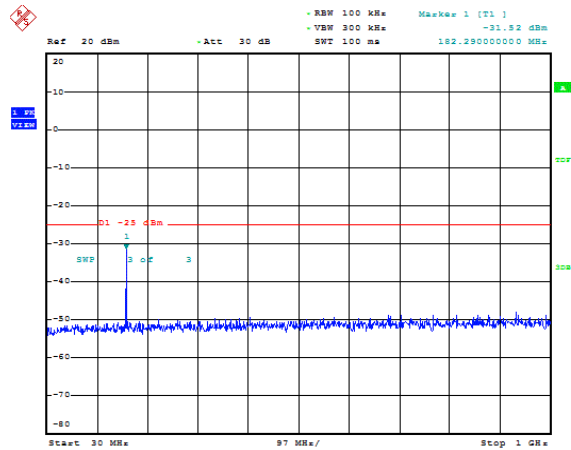
Date: 2.NOV.2020 16:23:29

Band41-15MHz-QPSK-41515-1RB#0-Range1:3000~26500MHz



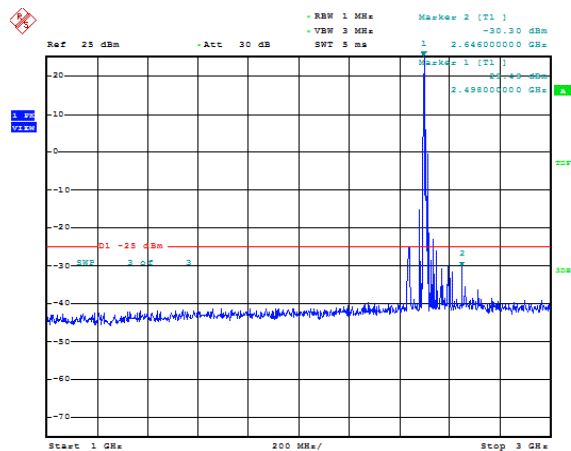
Date: 2.NOV.2020 17:26:58

Band41-15MHz-16QAM-39725-1RB#0-Range1:30~1000MHz



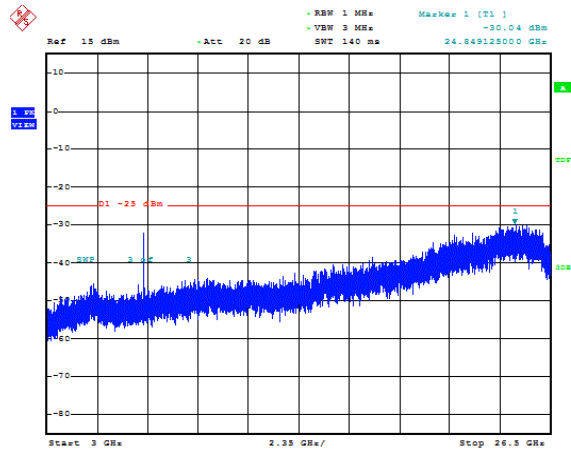
Date: 2.NOV.2020 16:22:00

Band41-15MHz-16QAM-39725-1RB#0-Range2:1000~3000MHz



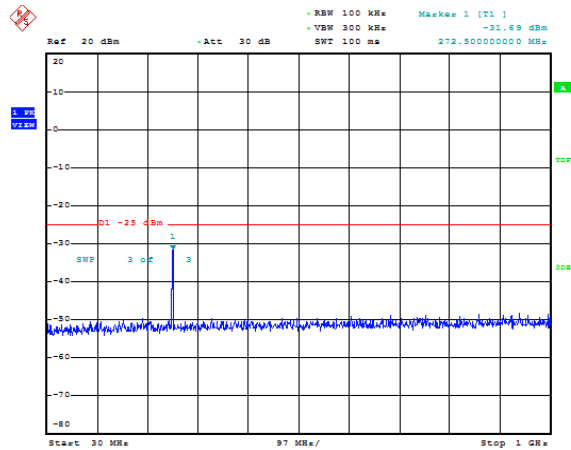
Date: 2.NOV.2020 16:22:08

Band41-15MHz-16QAM-39725-1RB#0-Range1:3000~26500MHz



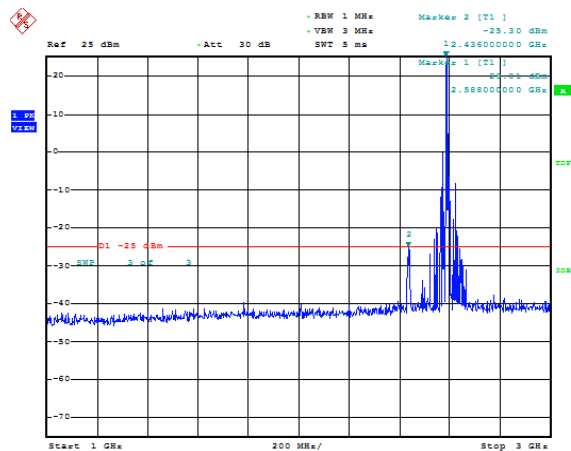
Date: 2.NOV.2020 17:26:26

Band41-15MHz-16QAM-40620-1RB#0-Range1:30~1000MHz



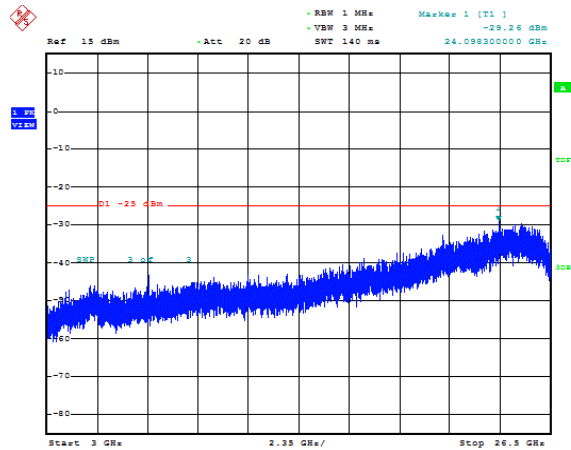
Date: 2.NOV.2020 16:22:53

Band41-15MHz-16QAM-40620-1RB#0-Range2:1000~3000MHz



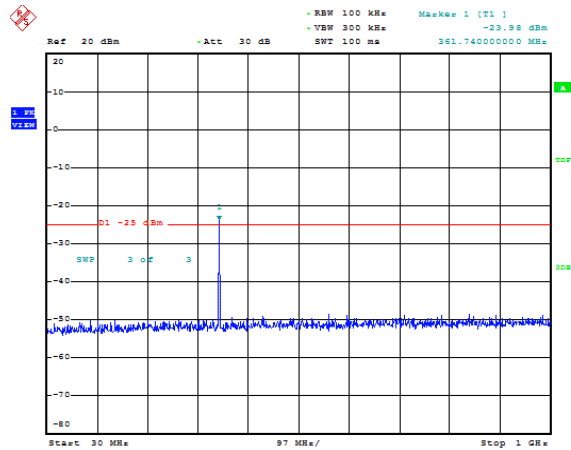
Date: 2.NOV.2020 16:23:01

Band41-15MHz-16QAM-40620-1RB#0-Range1:3000~26500MHz



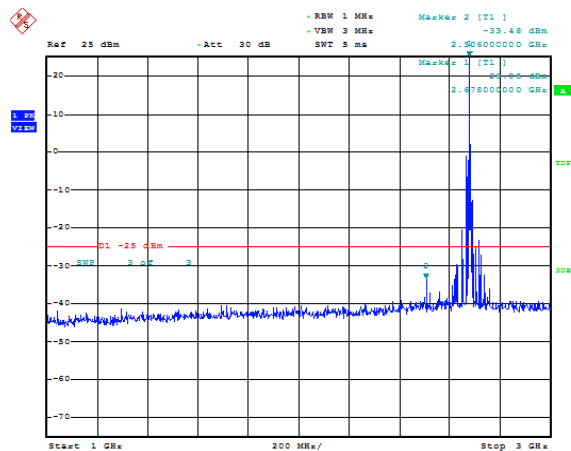
Date: 2.NOV.2020 17:26:46

Band41-15MHz-16QAM-41515-1RB#0-Range1:30~1000MHz



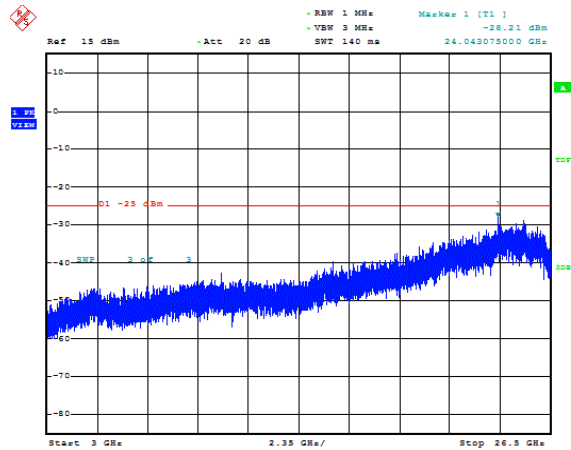
Date: 2.NOV.2020 16:22:45

Band41-15MHz-16QAM-41515-1RB#0-Range2:1000~3000MHz



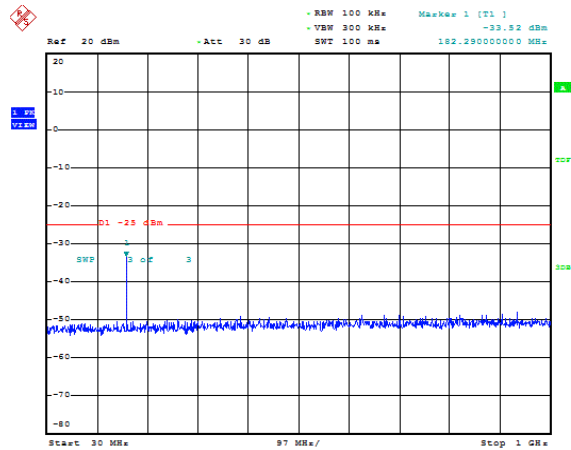
Date: 2.NOV.2020 16:23:53

Band41-15MHz-16QAM-41515-1RB#0-Range1:3000~26500MHz



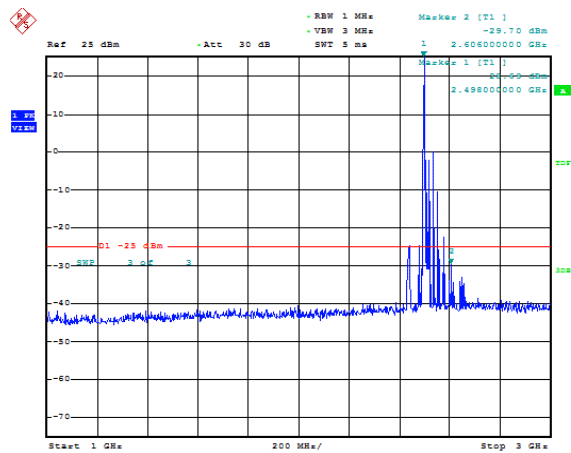
Date: 2.NOV.2020 17:27:07

Band41-20MHz-QPSK-39750-1RB#0-Range1:30~1000MHz



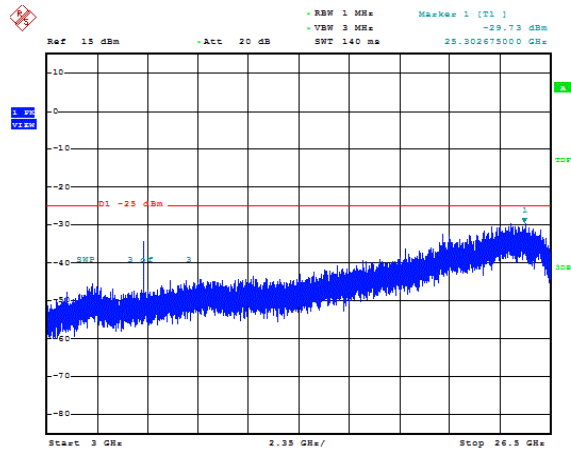
Date: 2.NOV.2020 17:05:24

Band41-20MHz-QPSK-39750-1RB#0-Range2:1000~3000MHz



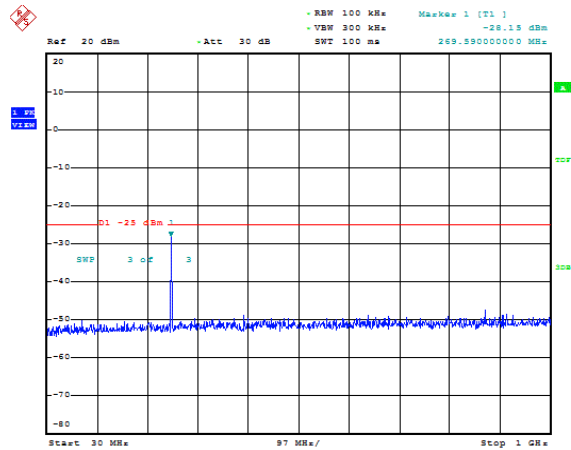
Date: 2.NOV.2020 17:05:32

Band41-20MHz-QPSK-39750-1RB#0-Range1:3000~26500MHz



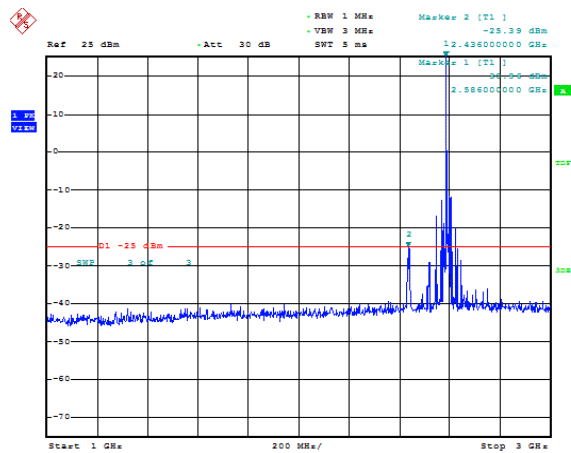
Date: 2.NOV.2020 17:30:19

Band41-20MHz-QPSK-40620-1RB#0-Range1:30~1000MHz



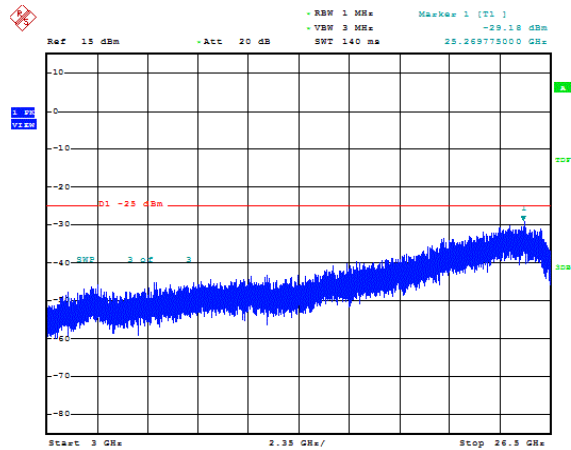
Date: 2.NOV.2020 17:06:17

Band41-20MHz-QPSK-40620-1RB#0-Range2:1000~3000MHz



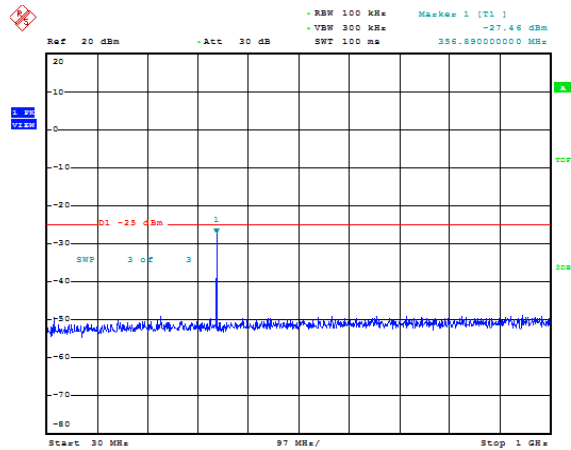
Date: 2.NOV.2020 17:06:25

Band41-20MHz-QPSK-40620-1RB#0-Range1:3000~26500MHz



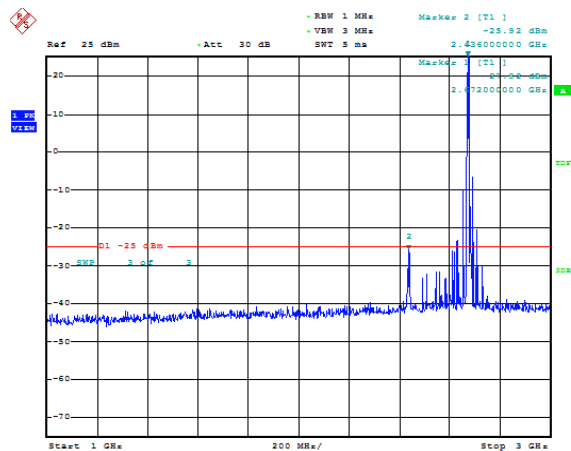
Date: 2.NOV.2020 17:30:40

Band41-20MHz-QPSK-41490-1RB#0-Range1:30~1000MHz



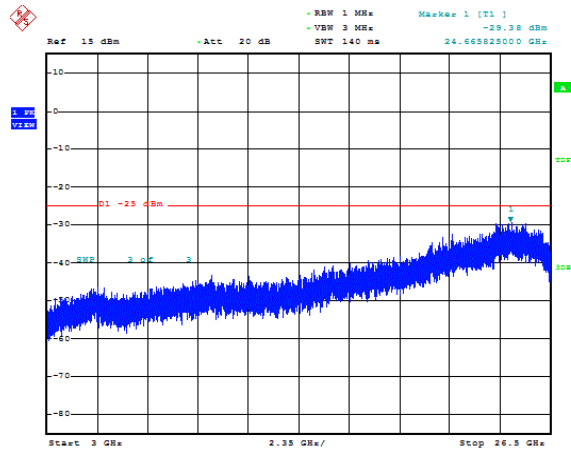
Date: 2.NOV.2020 17:07:09

Band41-20MHz-QPSK-41490-1RB#0-Range2:1000~3000MHz



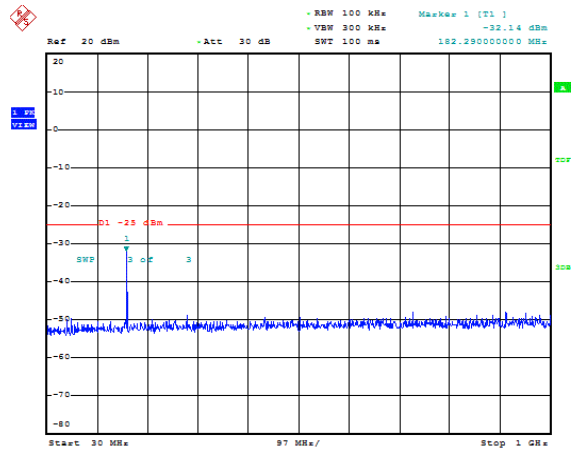
Date: 2.NOV.2020 17:07:19

Band41-20MHz-QPSK-41490-1RB#0-Range1:3000~26500MHz



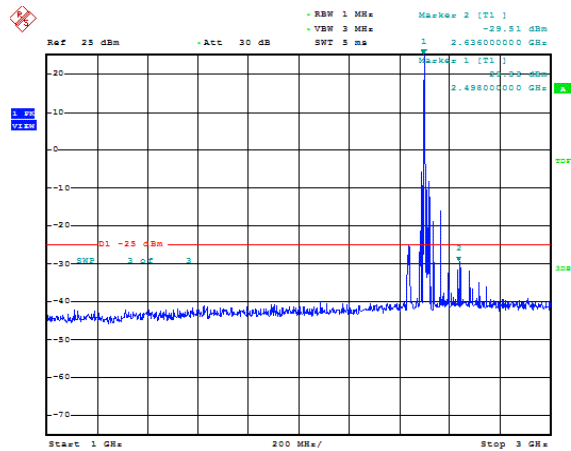
Date: 2.NOV.2020 17:31:00

Band41-20MHz-16QAM-39750-1RB#0-Range1:30~1000MHz



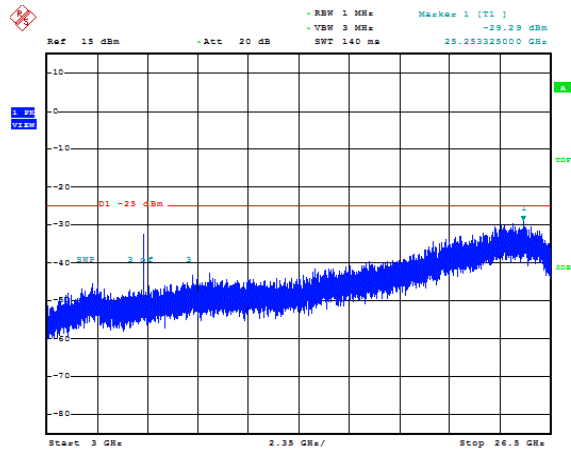
Date: 2.NOV.2020 17:05:49

Band41-20MHz-16QAM-39750-1RB#0-Range2:1000~3000MHz



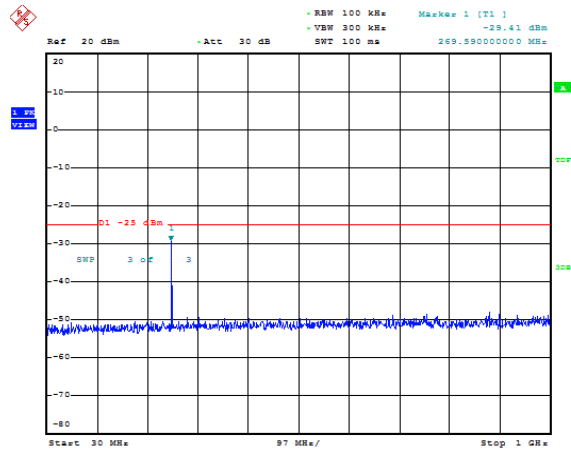
Date: 2.NOV.2020 17:05:57

Band41-20MHz-16QAM-39750-1RB#0-Range1:3000~26500MHz



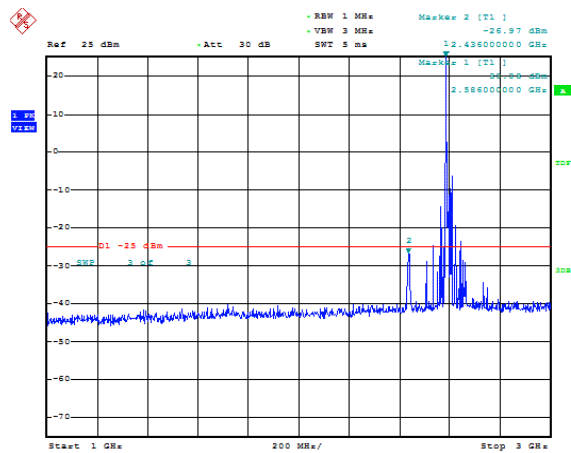
Date: 2.NOV.2020 17:30:28

Band41-20MHz-16QAM-40620-1RB#0-Range1:30~1000MHz



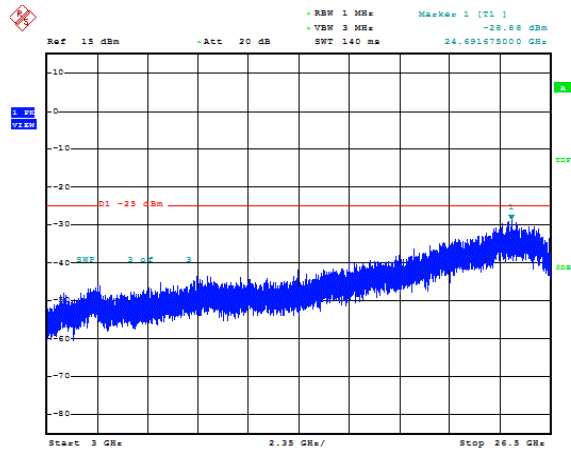
Date: 2.NOV.2020 17:06:42

Band41-20MHz-16QAM-40620-1RB#0-Range2:1000~3000MHz



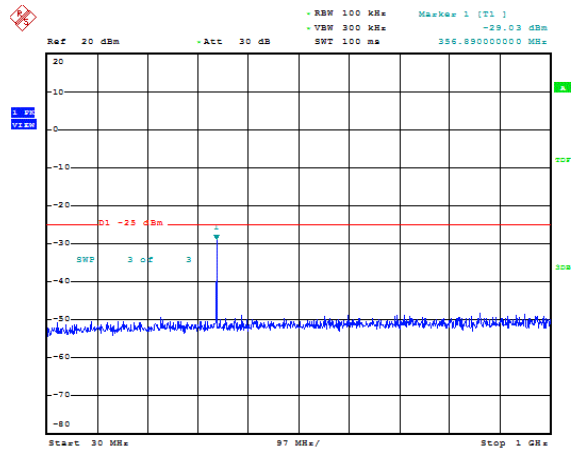
Date: 2.NOV.2020 17:06:50

Band41-20MHz-16QAM-40620-1RB#0-Range1:3000~26500MHz



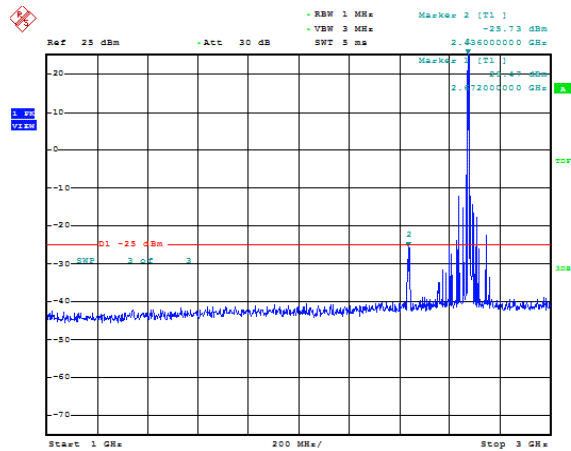
Date: 2.NOV.2020 17:30:48

Band41-20MHz-16QAM-41490-1RB#0-Range1:30~1000MHz



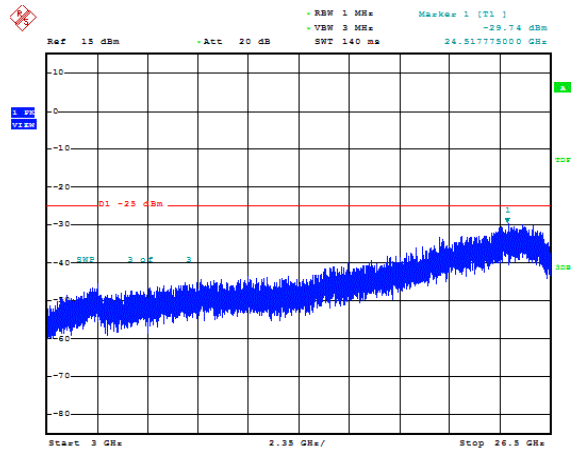
Date: 2.NOV.2020 17:07:34

Band41-20MHz-16QAM-41490-1RB#0-Range2:1000~3000MHz



Date: 2.NOV.2020 17:07:43

Band41-20MHz-16QAM-41490-1RB#0-Range1:3000~26500MHz



Date: 2.NOV.2020 17:31:09

1.6. Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	VL	NT	4.31	0.001725	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	VN	NT	6.64	0.002658	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	VH	NT	-4.23	-0.001693	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	VL	NT	-7.31	-0.002819	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	VN	NT	7.67	0.002958	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	VH	NT	-6.08	-0.002345	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	VL	NT	5.24	0.001950	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	VN	NT	8.11	0.003018	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	VH	NT	4.13	0.001537	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	VL	NT	6.85	0.002742	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	VN	NT	-6.71	-0.002686	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	VH	NT	-6.97	-0.002790	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	VL	NT	10.64	0.004103	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	VN	NT	-4.72	-0.001820	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	VH	NT	-8.11	-0.003128	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	VL	NT	2.65	0.000986	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	VN	NT	8.38	0.003118	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	VH	NT	3.35	0.001247	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	VL	NT	9.04	0.003615	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	VN	NT	10.19	0.004074	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	VH	NT	8.28	0.003311	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	VL	NT	4.85	0.001870	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	VN	NT	-6.19	-0.002387	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	VH	NT	-7.11	-0.002742	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	VL	NT	-6.75	-0.002514	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	VN	NT	-8.30	-0.003091	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	VH	NT	-6.64	-0.002473	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	VL	NT	11.27	0.004506	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	VN	NT	8.70	0.003479	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	VH	NT	9.38	0.003750	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	VL	NT	7.51	0.002896	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	VN	NT	7.35	0.002835	±2.5	PASS

Band41	10MHz	16QAM	40620	50RB#0	VH	NT	-6.77	-0.002611	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	VL	NT	-10.07	-0.003750	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	VN	NT	-7.97	-0.002968	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	VH	NT	-8.23	-0.003065	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	VL	NT	-11.12	-0.004442	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	VN	NT	-7.57	-0.003024	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	VH	NT	-4.13	-0.001650	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	VL	NT	6.69	0.002580	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	VN	NT	-9.87	-0.003806	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	VH	NT	-9.46	-0.003648	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	VL	NT	6.71	0.002501	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	VN	NT	7.72	0.002878	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	VH	NT	7.48	0.002788	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	VL	NT	-7.55	-0.003016	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	VN	NT	5.91	0.002361	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	VH	NT	-10.19	-0.004070	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	VL	NT	-7.90	-0.003047	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	VN	NT	4.45	0.001716	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	VH	NT	5.39	0.002079	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	VL	NT	8.47	0.003158	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	VN	NT	10.30	0.003840	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	VH	NT	8.01	0.002986	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VL	NT	6.82	0.002721	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VN	NT	6.68	0.002666	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VH	NT	5.46	0.002179	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VL	NT	8.07	0.003112	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VN	NT	6.98	0.002692	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VH	NT	5.95	0.002295	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VL	NT	-2.89	-0.001078	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VN	NT	4.01	0.001496	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VH	NT	6.68	0.002493	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VL	NT	7.18	0.002865	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VN	NT	6.90	0.002753	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VH	NT	6.04	0.002410	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VL	NT	-5.82	-0.002245	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VN	NT	4.84	0.001867	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VH	NT	-6.77	-0.002611	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VL	NT	5.32	0.001985	±2.5	PASS

Band41	20MHz	16QAM	41490	100RB#0	VN	NT	8.17	0.003049	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VH	NT	-8.10	-0.003022	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	NV	-10	5.25	0.002101	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	0	-6.41	-0.002566	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	10	-8.68	-0.003474	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	20	9.51	0.003806	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	30	10.69	0.004279	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	40	8.23	0.003294	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	50	10.29	0.004118	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	-10	-6.58	-0.002538	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	0	-6.39	-0.002464	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	10	9.20	0.003548	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	20	9.20	0.003548	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	30	9.18	0.003540	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	40	-7.91	-0.003051	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	50	5.19	0.002002	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	-10	7.44	0.002768	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	0	8.93	0.003323	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	10	-6.95	-0.002586	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	20	4.66	0.001734	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	30	7.81	0.002906	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	40	-7.78	-0.002895	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	50	3.30	0.001228	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	-10	8.47	0.003390	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	0	12.43	0.004975	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	10	6.14	0.002457	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	20	8.74	0.003498	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	30	10.07	0.004030	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	40	-6.77	-0.002710	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	50	-5.46	-0.002185	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	-10	6.02	0.002322	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	0	8.05	0.003105	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	10	8.55	0.003297	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	20	8.77	0.003382	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	30	-5.87	-0.002264	±2.5	PASS

Band41	5MHz	16QAM	40620	25RB#0	NV	40	-6.97	-0.002688	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	50	5.84	0.002252	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	-10	6.49	0.002415	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	0	8.96	0.003334	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	10	3.60	0.001340	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	20	6.35	0.002363	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	30	4.89	0.001820	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	40	-5.22	-0.001942	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	50	8.68	0.003230	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	-10	-3.81	-0.001523	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	0	11.69	0.004674	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	10	6.58	0.002631	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	20	11.53	0.004610	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	30	8.50	0.003399	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	40	7.57	0.003027	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	50	7.75	0.003099	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	-10	-5.24	-0.002021	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	0	7.93	0.003058	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	10	6.67	0.002572	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	20	5.26	0.002029	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	30	8.68	0.003347	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	40	-5.32	-0.002052	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	50	9.50	0.003664	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	-10	-10.19	-0.003795	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	0	-15.21	-0.005665	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	10	-5.02	-0.001870	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	20	-9.40	-0.003501	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	30	-9.71	-0.003616	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	40	12.02	0.004477	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	50	9.66	0.003598	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	-10	-5.58	-0.002231	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	0	-6.28	-0.002511	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	10	8.83	0.003531	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	20	13.25	0.005298	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	30	10.21	0.004082	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	40	12.55	0.005018	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	50	7.11	0.002843	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	-10	6.18	0.002383	±2.5	PASS

Band41	10MHz	16QAM	40620	50RB#0	NV	0	-5.85	-0.002256	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	10	7.08	0.002730	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	20	4.75	0.001832	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	30	-6.52	-0.002514	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	40	-7.17	-0.002765	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	50	5.05	0.001948	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	-10	-6.74	-0.002510	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	0	-7.31	-0.002723	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	10	-11.03	-0.004108	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	20	-8.31	-0.003095	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	30	-6.84	-0.002547	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	40	-12.30	-0.004581	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	50	-8.61	-0.003207	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	-10	-8.24	-0.003291	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	0	-5.71	-0.002281	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	10	-4.58	-0.001829	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	20	-10.40	-0.004154	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	30	-11.77	-0.004701	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	40	-6.02	-0.002405	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	50	-8.43	-0.003367	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	-10	-6.48	-0.002499	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	0	-3.65	-0.001408	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	10	7.21	0.002781	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	20	6.05	0.002333	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	30	8.75	0.003374	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	40	-5.39	-0.002079	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	50	-8.24	-0.003178	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	-10	7.72	0.002878	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	0	-4.12	-0.001536	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	10	8.25	0.003075	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	20	7.20	0.002684	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	30	6.92	0.002580	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	40	9.01	0.003359	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	50	10.26	0.003825	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	-10	-6.85	-0.002736	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	0	-13.75	-0.005492	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	10	-9.57	-0.003823	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	20	-10.34	-0.004130	±2.5	PASS

Band41	15MHz	16QAM	39725	75RB#0	NV	30	-7.04	-0.002812	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	40	-11.34	-0.004530	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	50	-10.70	-0.004274	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	-10	-4.08	-0.001573	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	0	6.22	0.002399	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	10	6.41	0.002472	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	20	-9.91	-0.003822	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	30	-4.84	-0.001867	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	40	6.69	0.002580	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	50	8.03	0.003097	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	-10	5.68	0.002117	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	0	5.92	0.002207	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	10	-6.32	-0.002356	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	20	7.42	0.002766	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	30	7.18	0.002677	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	40	4.91	0.001830	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	50	5.09	0.001897	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	-10	6.87	0.002741	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	0	-8.64	-0.003448	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	10	4.56	0.001820	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	20	6.81	0.002717	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	30	4.45	0.001776	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	40	5.08	0.002027	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	50	-3.45	-0.001377	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-10	5.49	0.002117	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	0	7.37	0.002842	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	10	7.21	0.002781	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	20	-6.34	-0.002445	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	30	-5.12	-0.001975	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	40	11.62	0.004481	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	50	-7.40	-0.002854	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-10	7.95	0.002966	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	0	-5.52	-0.002060	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	10	-5.71	-0.002131	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	20	7.02	0.002619	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	30	-4.88	-0.001821	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	40	7.47	0.002787	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	50	7.93	0.002959	±2.5	PASS

Band41	20MHz	16QAM	39750	100RB#0	NV	-10	-4.18	-0.001668	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	0	7.20	0.002873	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	10	6.07	0.002422	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	20	-6.24	-0.002490	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	30	8.73	0.003484	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	40	-3.48	-0.001389	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	50	6.38	0.002546	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	-10	8.83	0.003405	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	0	-5.46	-0.002106	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	10	-5.71	-0.002202	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	20	-4.86	-0.001874	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	30	-6.95	-0.002680	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	40	7.21	0.002781	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	50	5.82	0.002245	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-10	4.15	0.001549	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	0	8.04	0.003000	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	10	6.47	0.002414	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	20	6.14	0.002291	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	30	7.38	0.002754	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	40	4.41	0.001646	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	50	10.99	0.004101	±2.5	PASS

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