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Vice RF module appendix for LTE Band 7

**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 7				Actual output Power (dBm)		
Band-width	Modulation	RB allocation	RB offset	Low	Middle	High
5	QPSK	1	Low	22.02	21.75	22.15
			Middle	21.93	21.29	21.97
			High	21.97	21.30	22.04
		12	Low	20.68	21.23	20.56
			Middle	20.66	20.64	20.49
			High	20.63	20.79	20.46
		25	/	20.60	20.89	20.00
	16QAM	1	Low	21.75	21.42	21.78
			Middle	21.73	20.93	21.57
			High	21.66	20.95	21.69
		12	Low	20.05	20.97	20.04
			Middle	20.03	19.92	19.85
			High	19.97	20.35	19.96
		25	/	19.76	20.49	19.68
10	QPSK	1	Low	21.99	22.22	22.14
			Middle	21.91	22.19	21.95
			High	21.95	22.14	22.03
		25	Low	20.65	20.80	20.54
			Middle	20.63	20.85	20.48
			High	20.61	20.73	20.44
		50	/	20.58	20.46	19.99
	16QAM	1	Low	21.73	21.89	21.76
			Middle	21.70	21.82	21.55
			High	21.64	21.81	21.68
		25	Low	20.03	20.17	20.03
			Middle	20.01	20.11	19.84
			High	19.95	20.10	19.95
		50	/	19.74	19.91	19.67

15	QPSK	1	Low	22.04	22.20	22.16
			Middle	21.95	22.17	21.98
			High	21.99	22.12	22.05
		38	Low	20.69	20.78	20.57
			Middle	20.68	20.83	20.50
			High	20.65	20.70	20.47
		75	/	20.62	20.44	20.01
	16QAM	1	Low	21.77	21.86	21.79
			Middle	21.75	21.80	21.58
			High	21.68	21.79	21.70
		38	Low	20.07	20.15	20.05
			Middle	20.05	20.09	19.86
			High	19.99	20.08	19.97
		75	/	19.78	19.89	19.69
20	QPSK	1	Low	22.11	22.27	22.24
			Middle	22.02	22.24	22.05
			High	22.06	22.19	22.13
		50	Low	20.76	20.84	20.64
			Middle	20.74	20.90	20.57
			High	20.72	20.77	20.54
		100	/	20.69	20.50	20.08
	16QAM	1	Low	21.54	21.67	21.63
			Middle	21.52	21.61	21.42
			High	21.45	21.60	21.55
		50	Low	19.86	19.97	19.91
			Middle	19.84	19.92	19.72
			High	19.78	19.91	19.83
		100	/	19.57	19.72	19.55

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

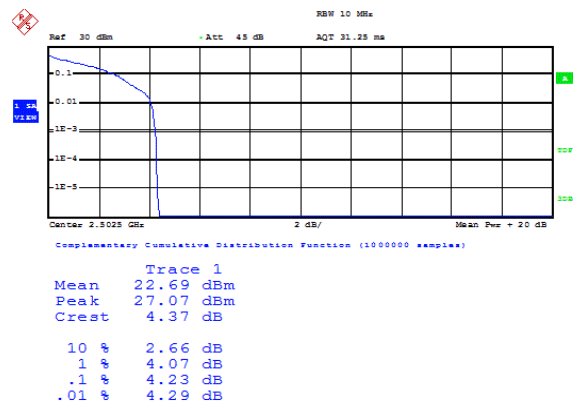
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	4.23	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	5.22	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	4.65	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.38	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	4.71	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.45	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	5.10	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	6.03	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	5.61	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.19	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	5.74	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	6.25	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	4.29	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.32	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	4.62	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.26	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	4.84	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.29	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	5.38	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	6.25	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	5.83	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.25	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	5.71	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	6.25	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	7.88	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.80	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	7.82	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.74	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	8.11	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.74	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	7.85	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.79	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	7.82	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.70	13	PASS

Band7	15MHz	16QAM	21375	1RB#0	8.08	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	6.76	13	PASS
Band7	20MHz	QPSK	20850	1RB#0	8.04	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	6.41	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	8.01	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	6.35	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	8.08	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	6.41	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	7.98	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	7.15	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	8.01	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	7.12	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	8.11	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	7.21	13	PASS

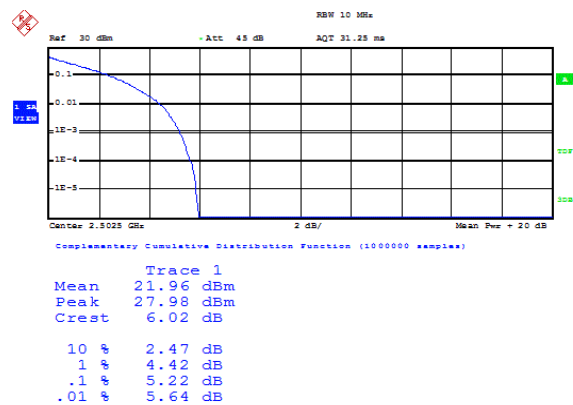
Test Graphs

Band7-5MHz-QPSK-20775-1RB#0



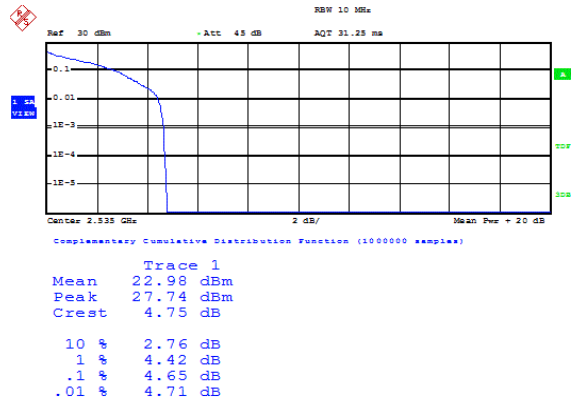
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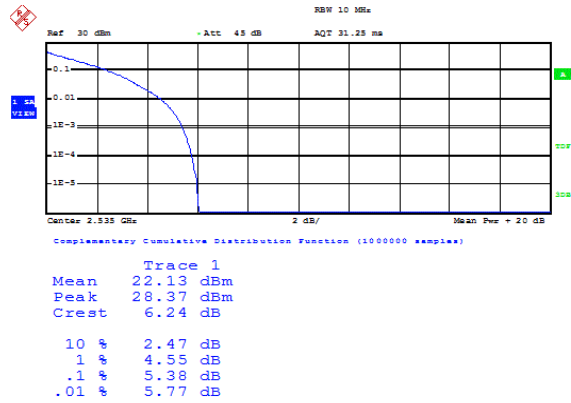
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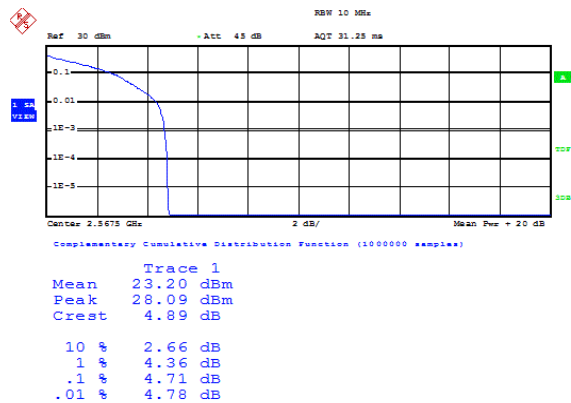
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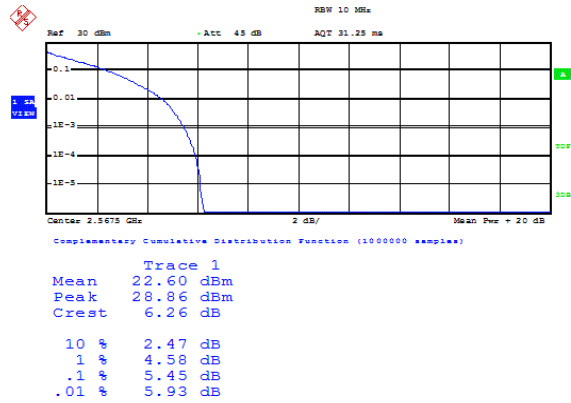
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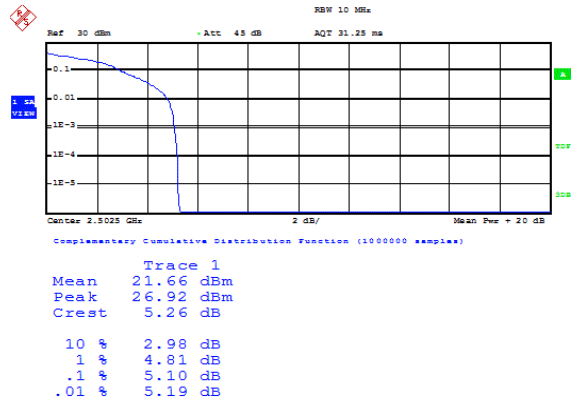
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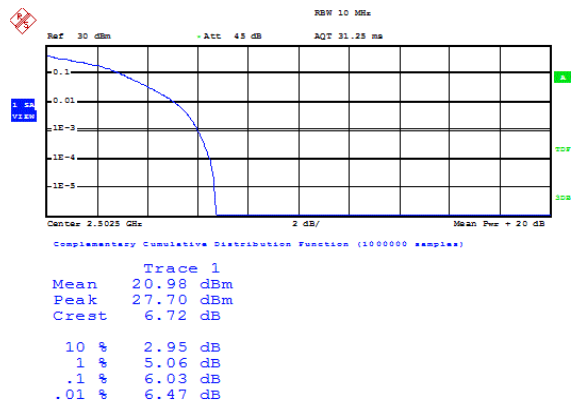
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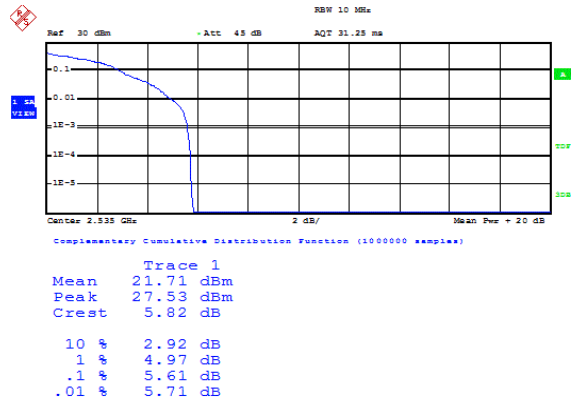
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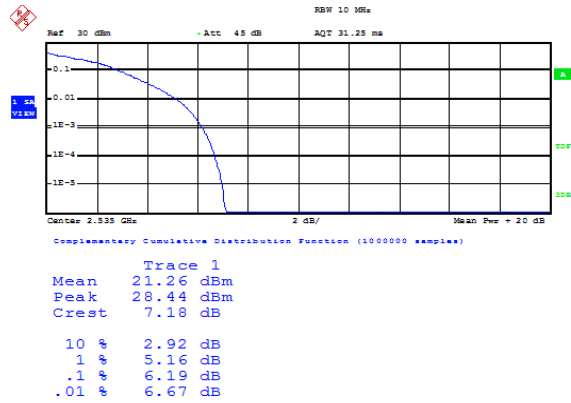
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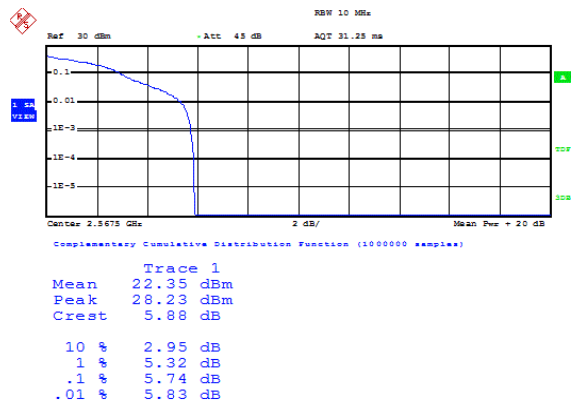
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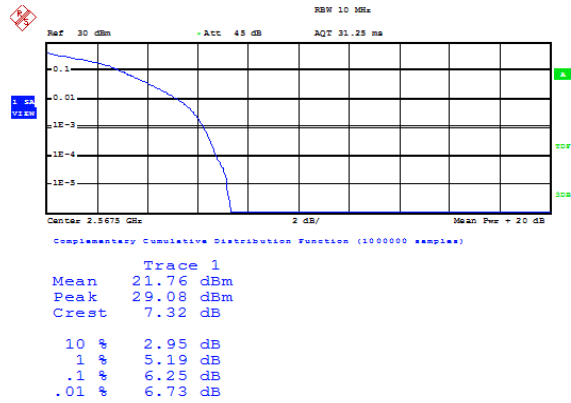
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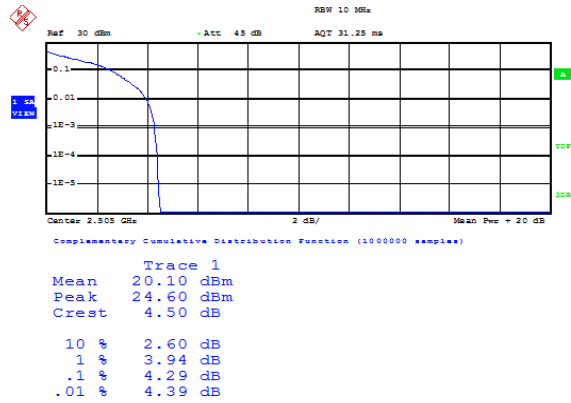
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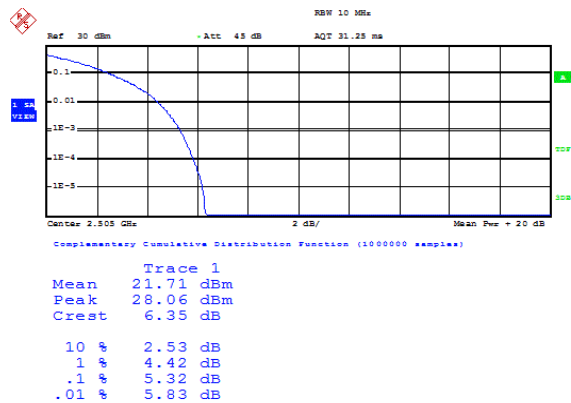
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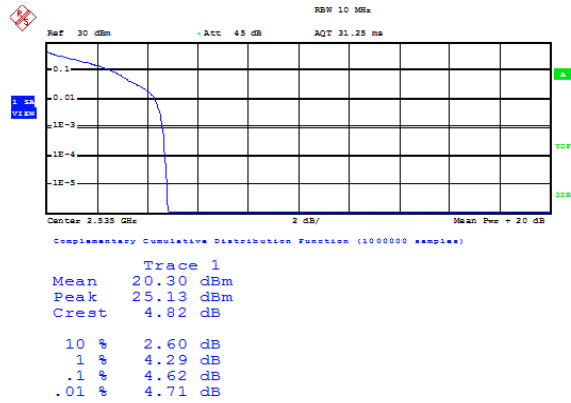
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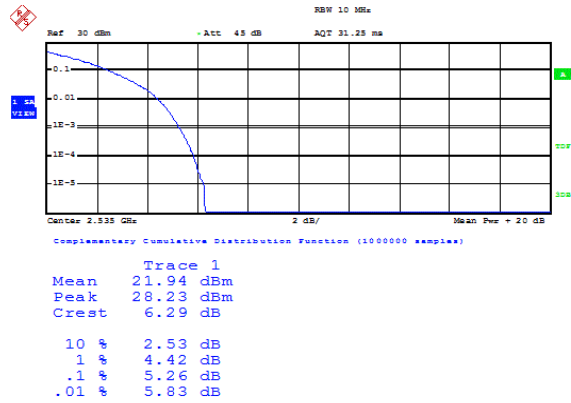
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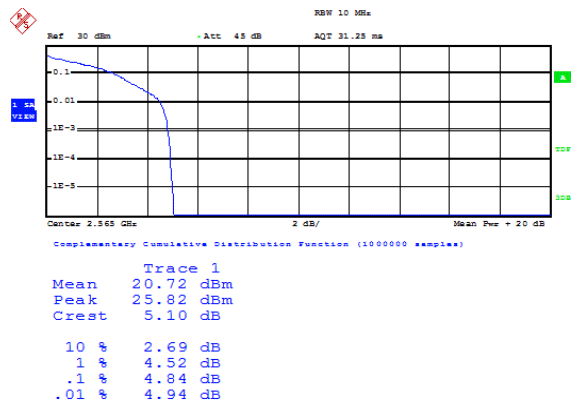
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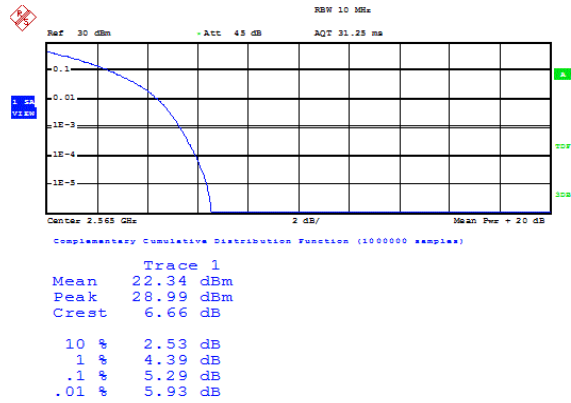
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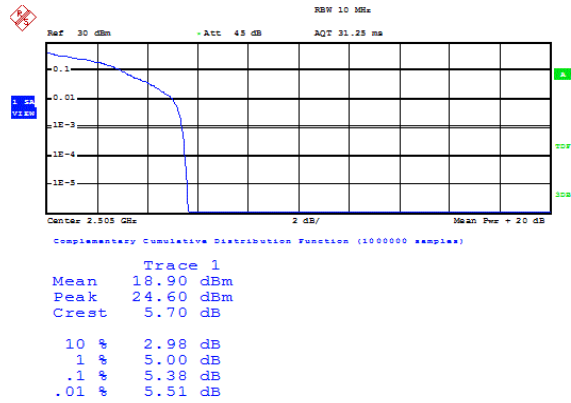
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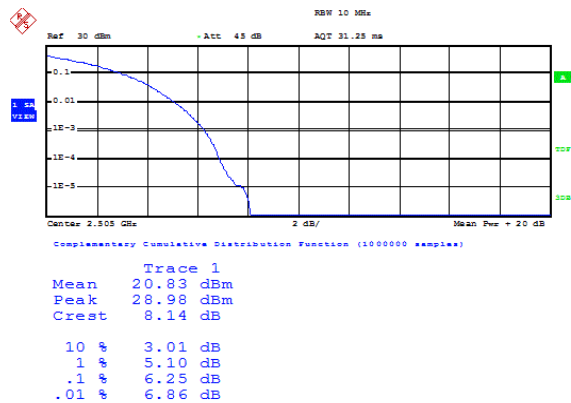
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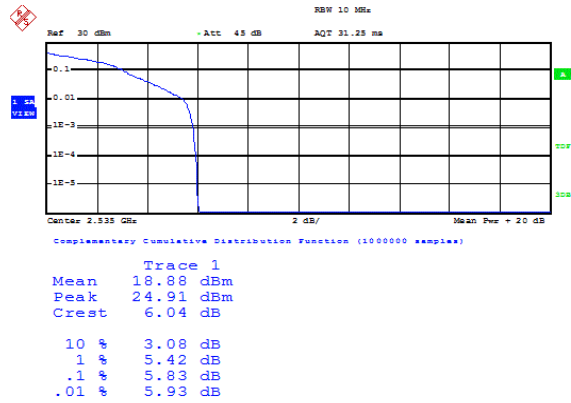
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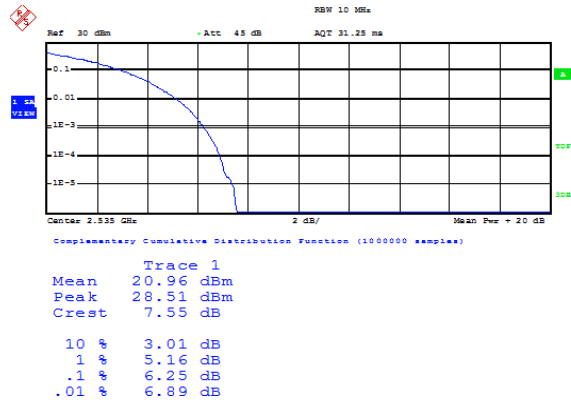
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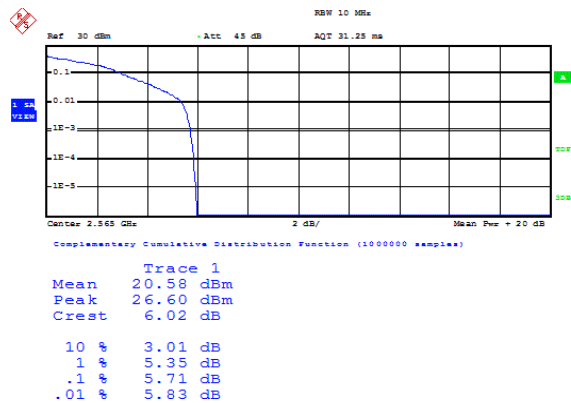
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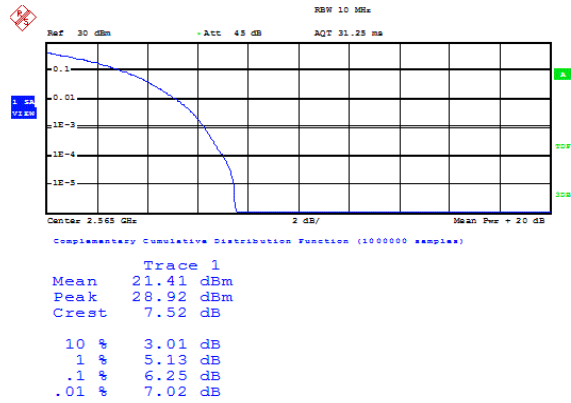
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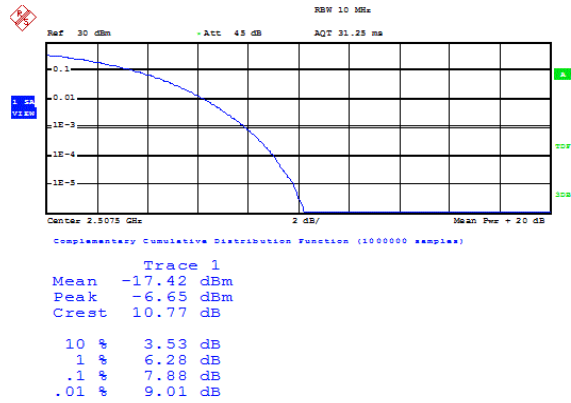
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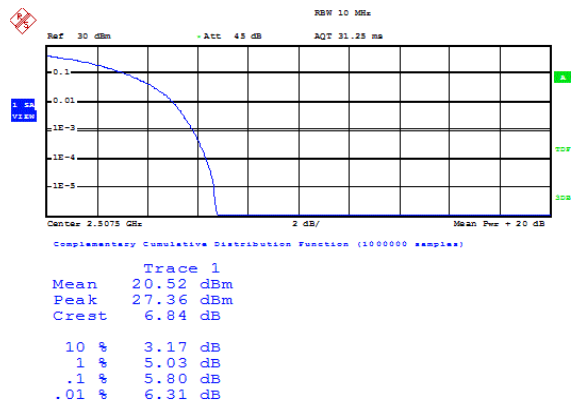
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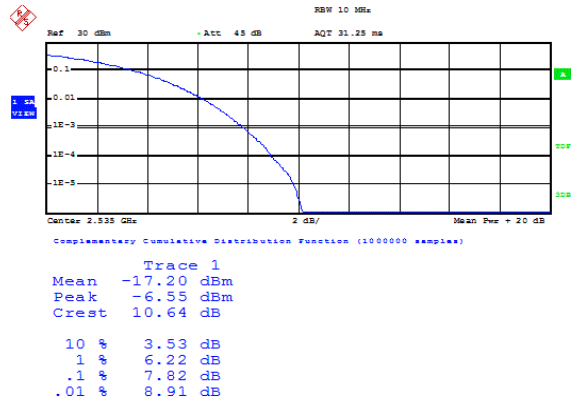
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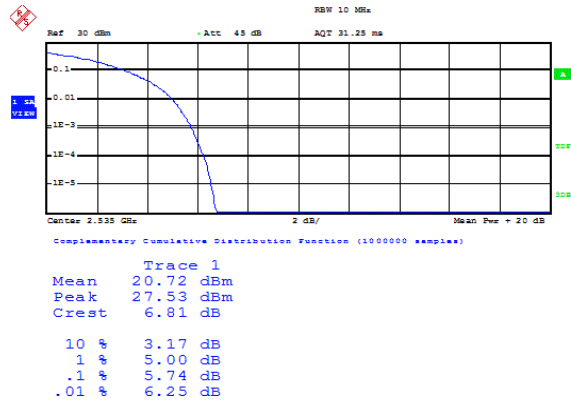
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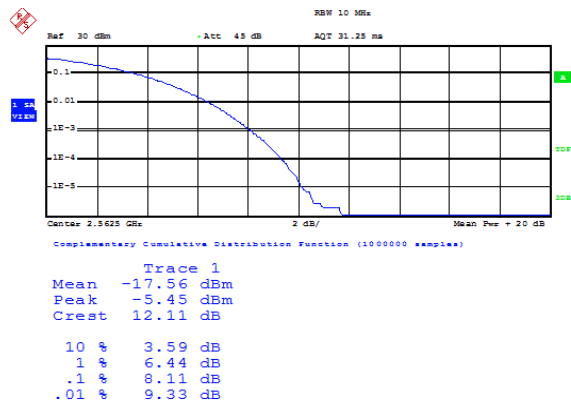
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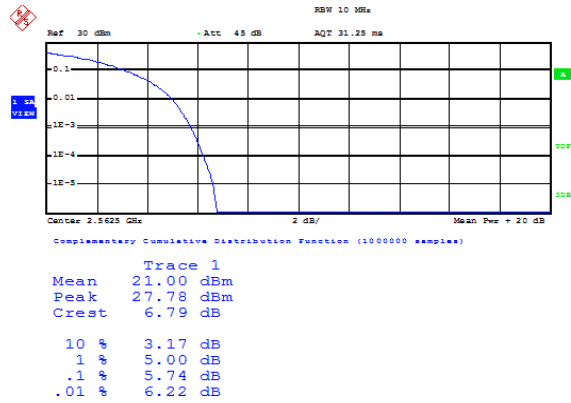
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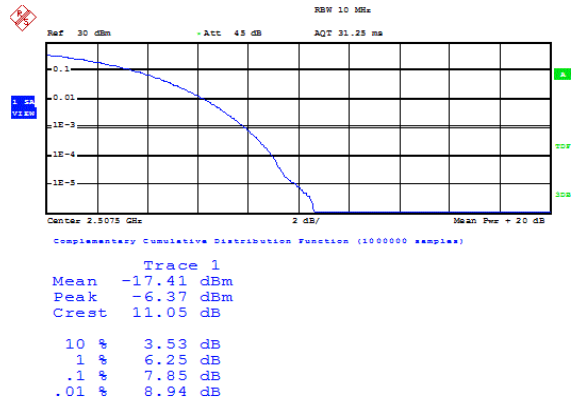
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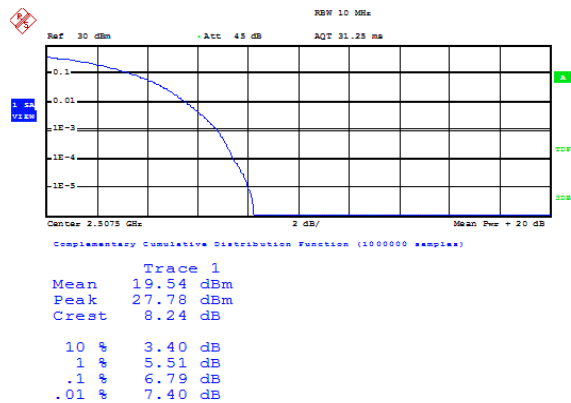
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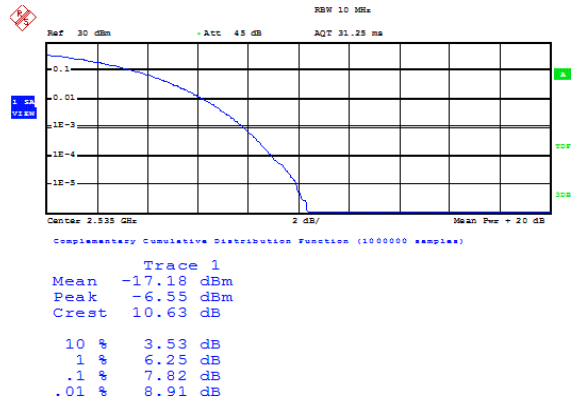
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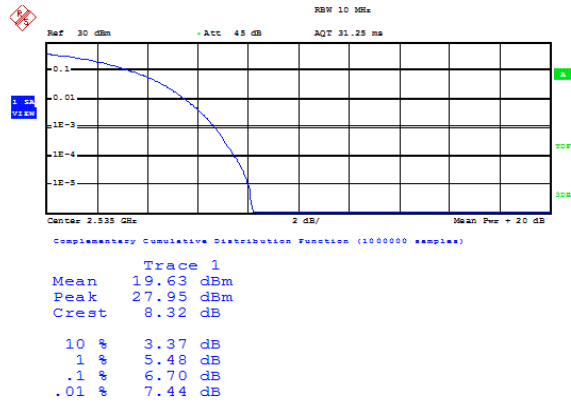
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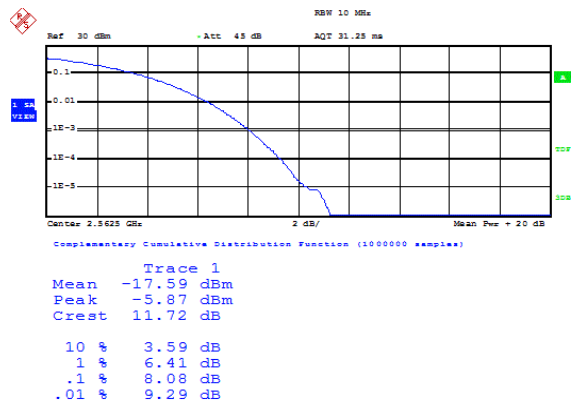
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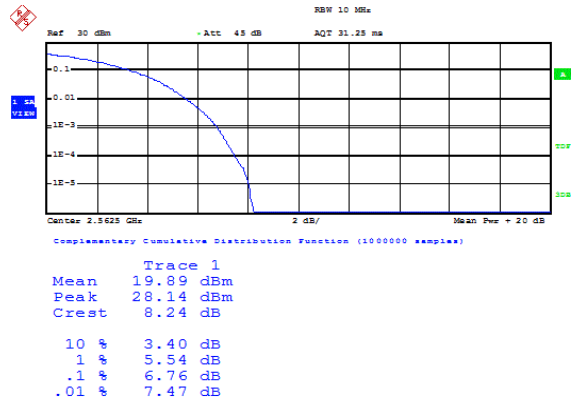
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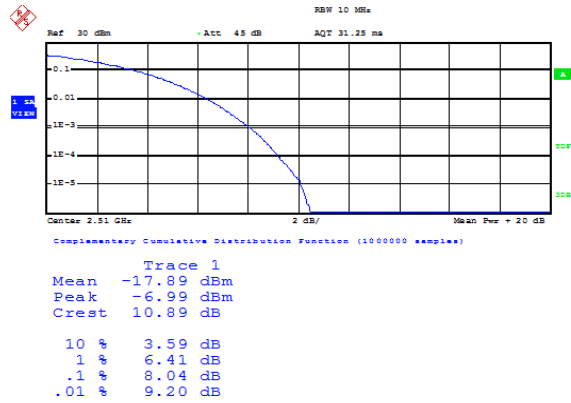
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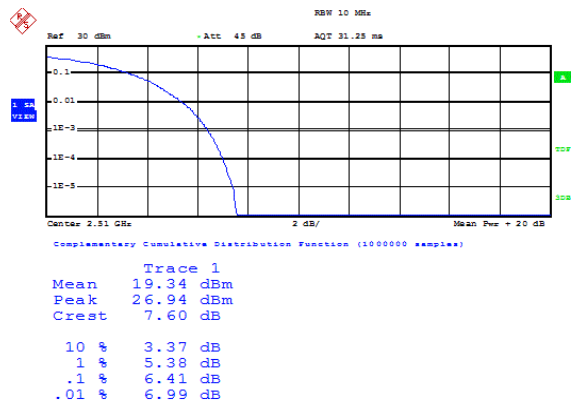
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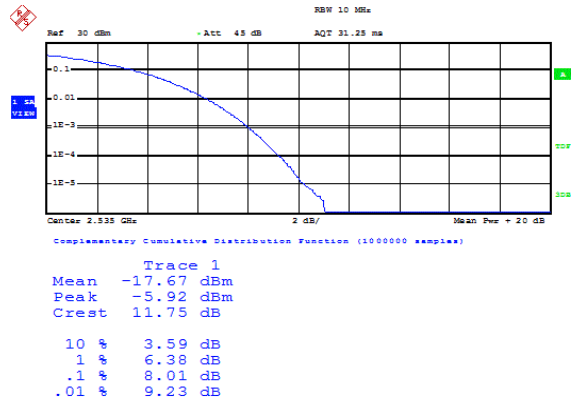
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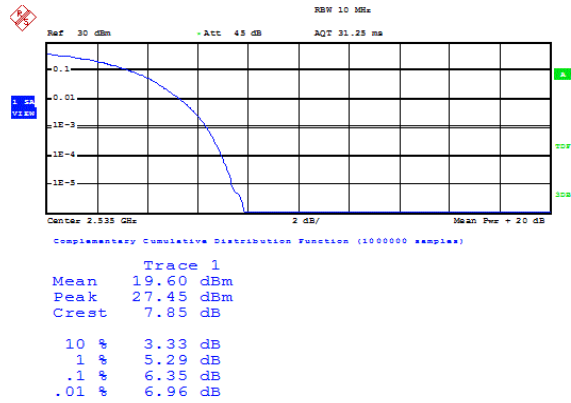
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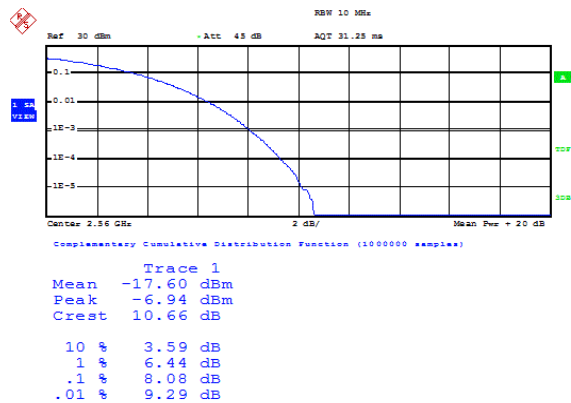
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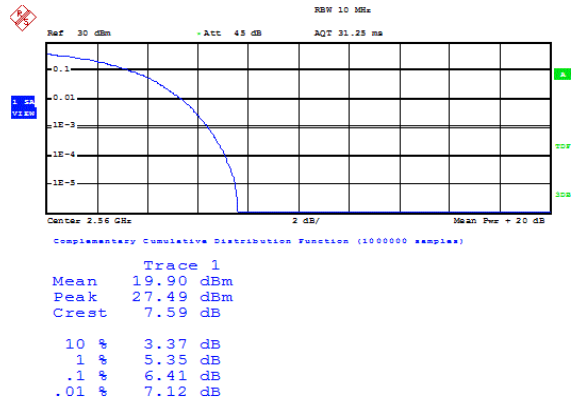
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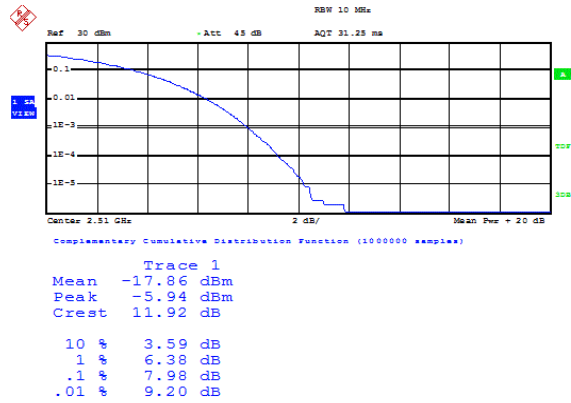
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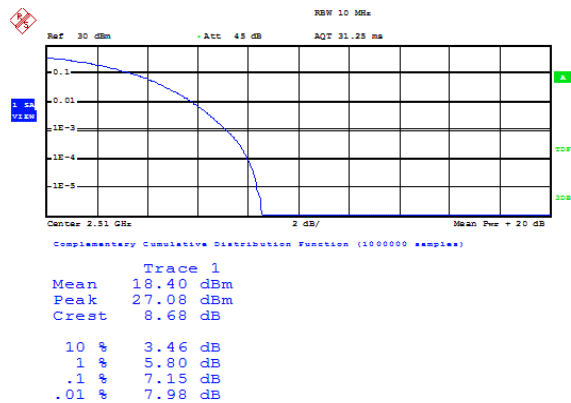
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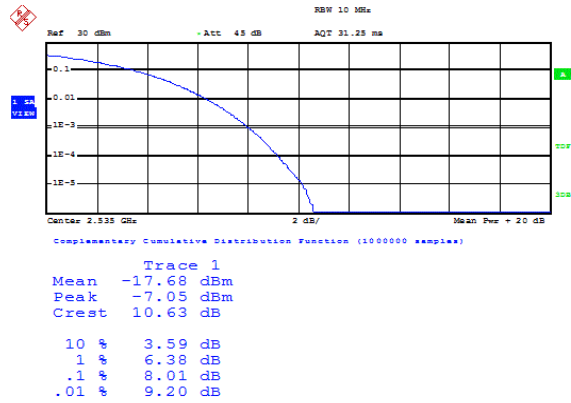
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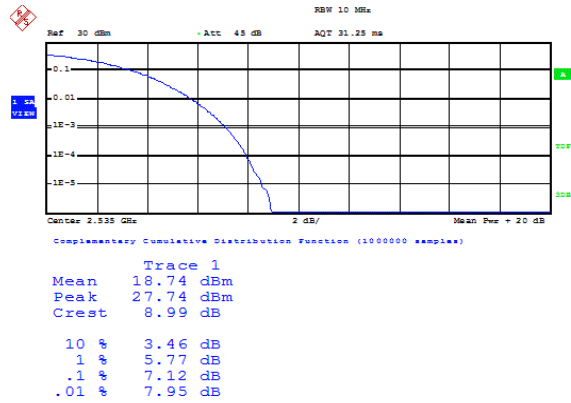
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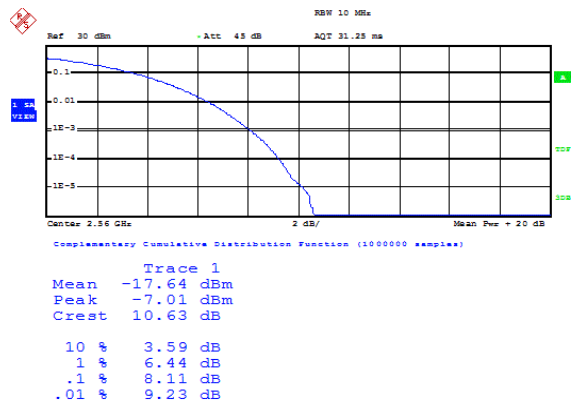
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Band7-20MHz-16QAM-21100-100RB#0



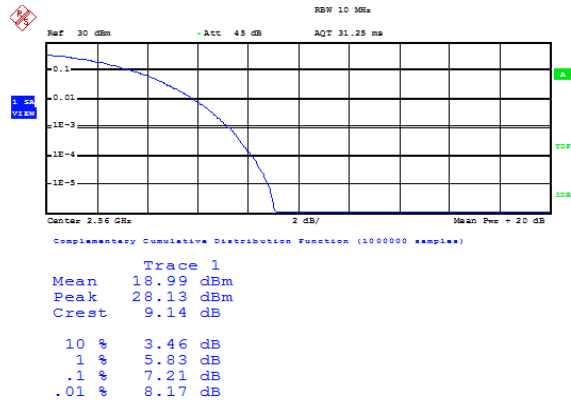
Date: 29.OCT.2020 17:07:24

Band7-20MHz-16QAM-21350-1RB#0



Date: 29.OCT.2020 17:07:44

Band7-20MHz-16QAM-21350-100RB#0



Date: 29.OCT.2020 17:08:01

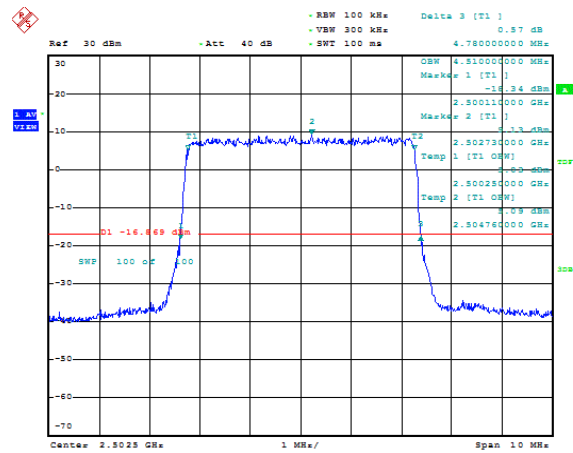
1.3. Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.51	4.780	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.51	4.800	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5	4.780	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.51	4.780	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.51	4.790	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.51	4.780	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.974	9.904	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.967	9.667	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.967	9.667	PASS
Band7	10MHz	16QAM	20800	50RB#0	9	9.667	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.967	9.667	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.967	9.633	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.45	14.550	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.45	14.450	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.45	14.450	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.45	14.500	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.45	14.500	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.45	14.450	PASS
Band7	20MHz	QPSK	20850	100RB#0	18.205	19.551	PASS
Band7	20MHz	QPSK	21100	100RB#0	18	19.600	PASS
Band7	20MHz	QPSK	21350	100RB#0	18	19.600	PASS
Band7	20MHz	16QAM	20850	100RB#0	18.067	19.533	PASS
Band7	20MHz	16QAM	21100	100RB#0	18	19.667	PASS
Band7	20MHz	16QAM	21350	100RB#0	18	19.533	PASS

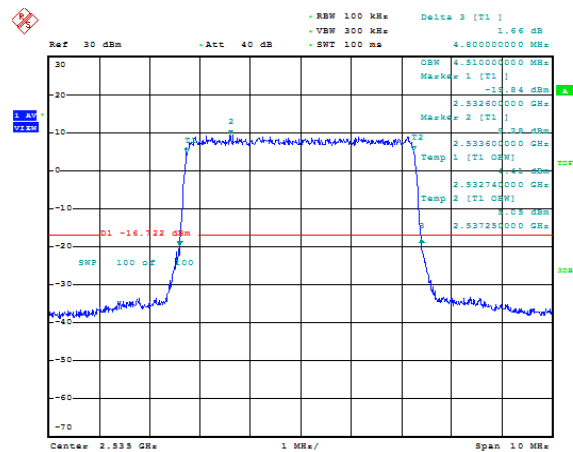
Test Graphs

Band7-5MHz-QPSK-20775-25RB#0-4.51



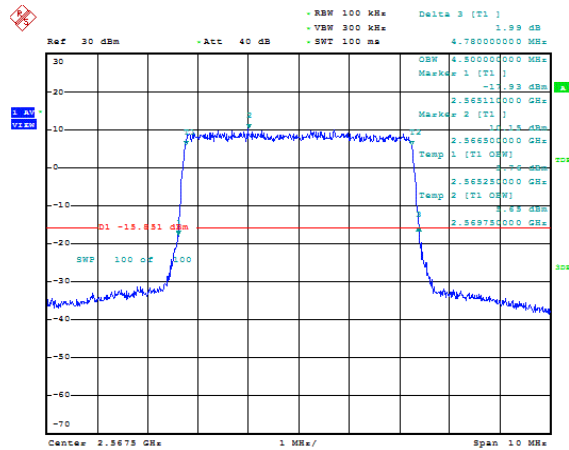
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Band7-5MHz-QPSK-21100-25RB#0-4.51



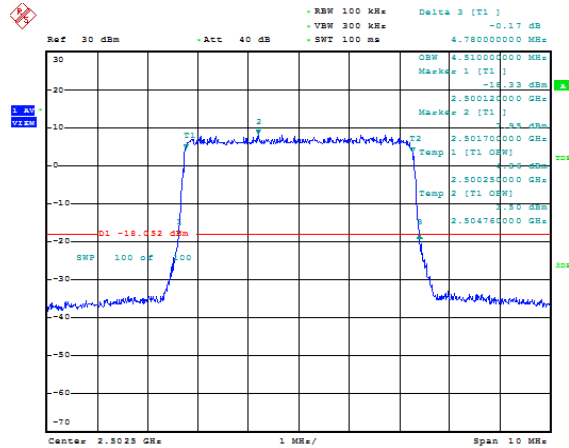
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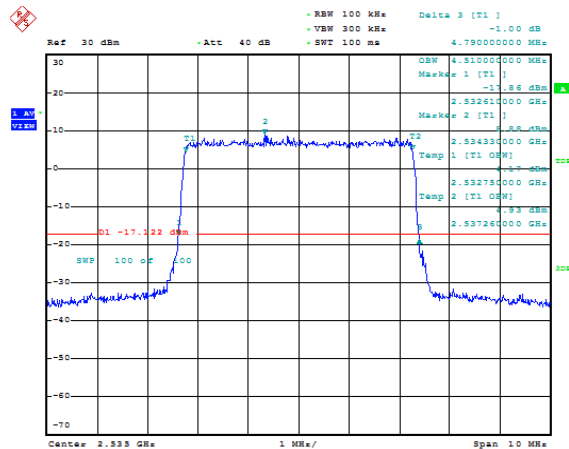
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Band7-5MHz-16QAM-20775-25RB#0-4.51



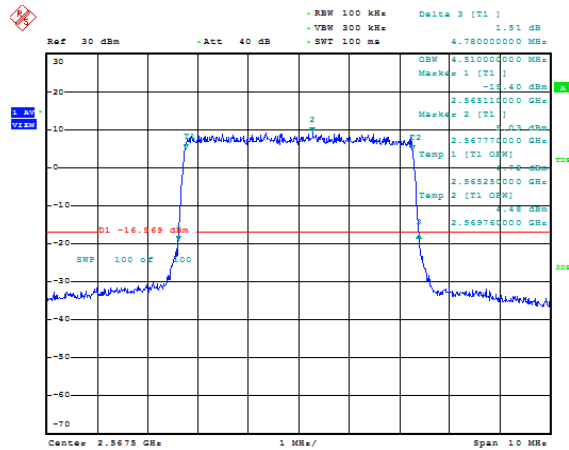
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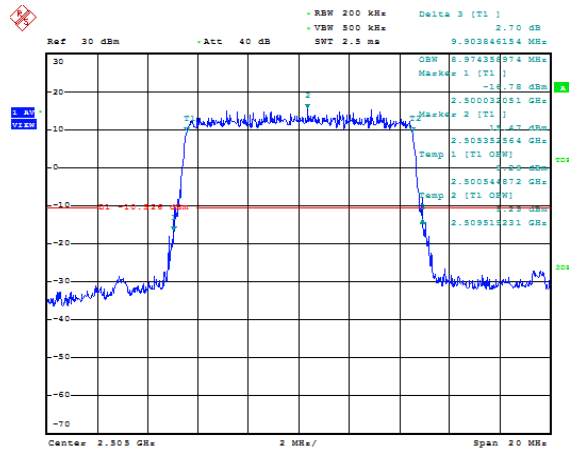
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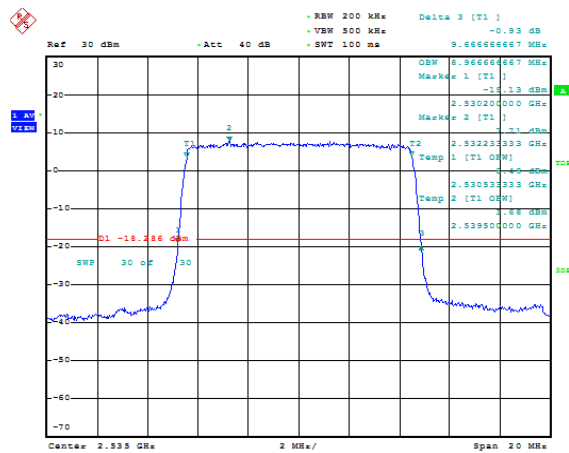
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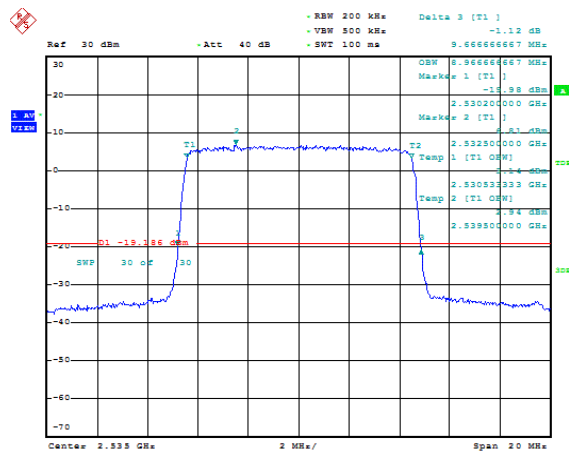
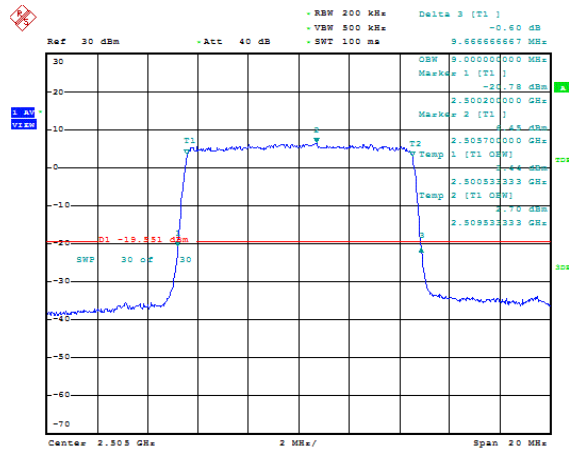
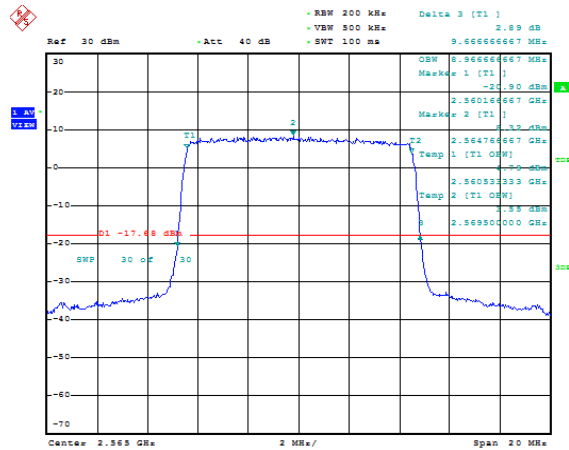
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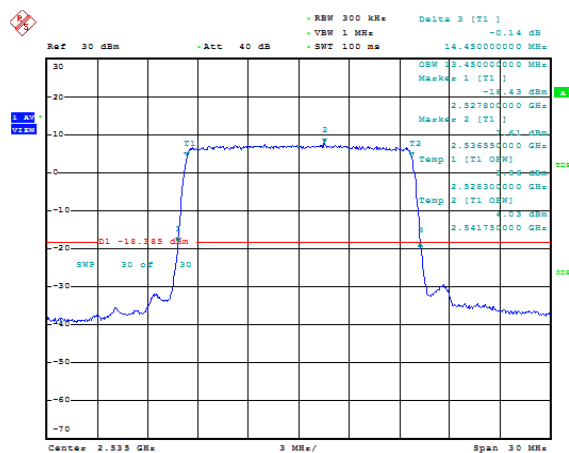
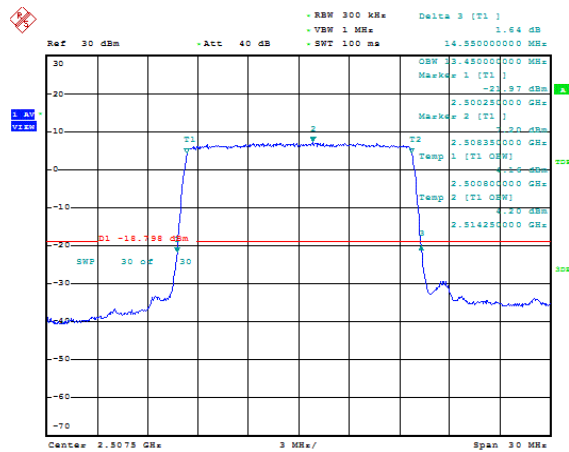
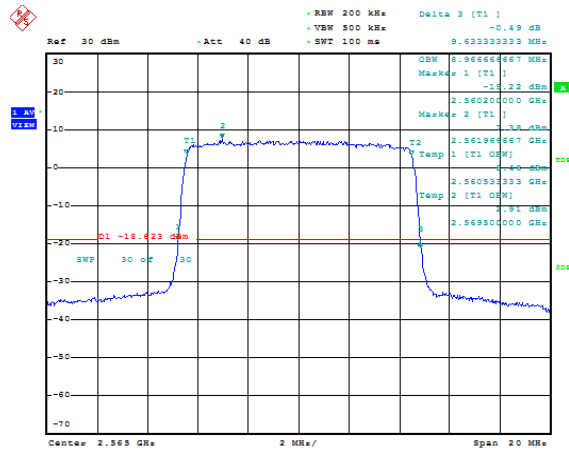
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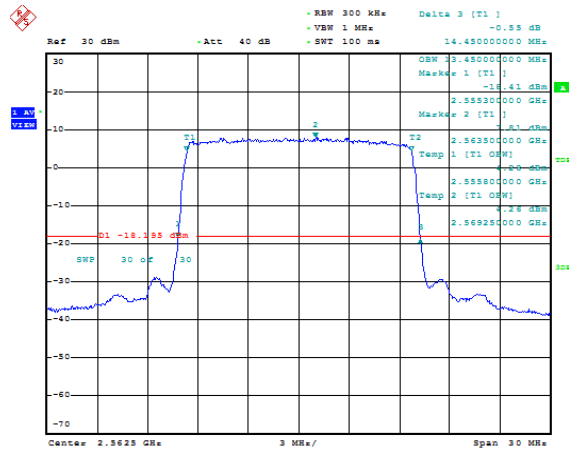


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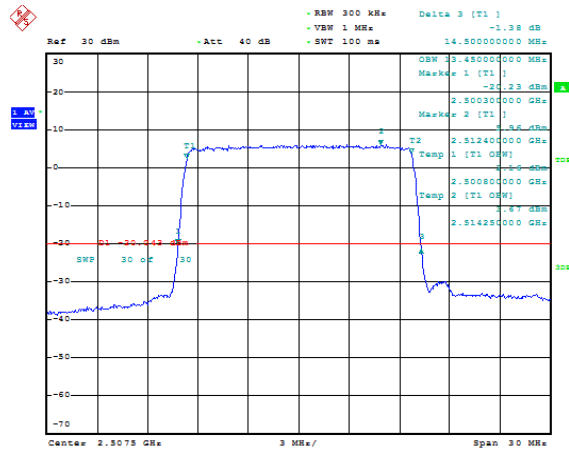






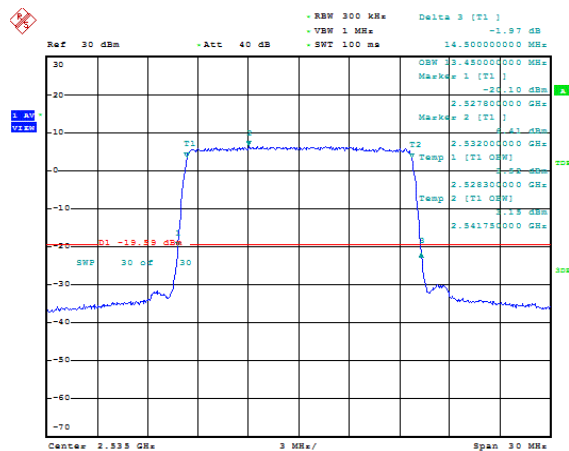
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Band7-15MHz-16QAM-20825-75RB#0-13.45



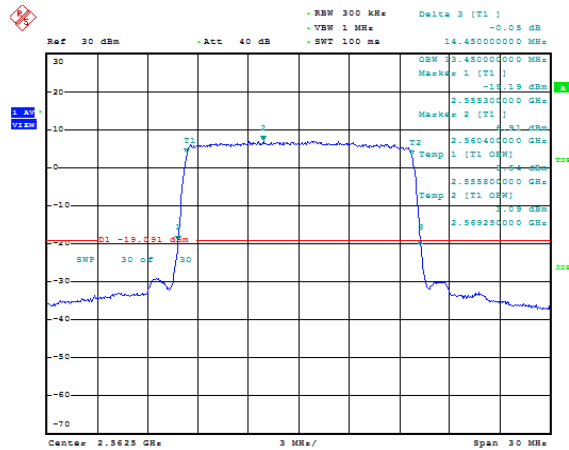
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Band7-15MHz-16QAM-21100-75RB#0-13.45



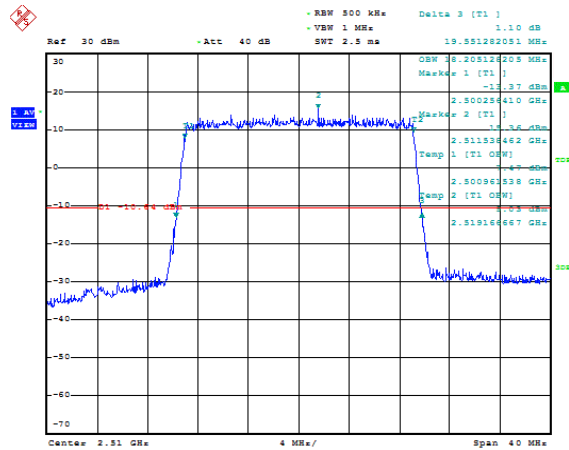
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Band7-15MHz-16QAM-21375-75RB#0-13.45



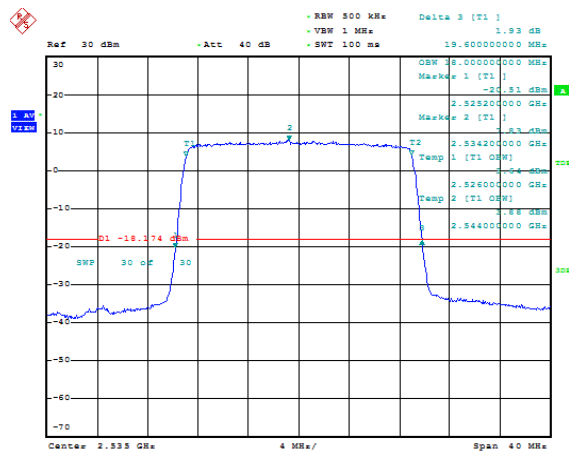
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Band7-20MHz-QPSK-20850-100RB#0-18.205



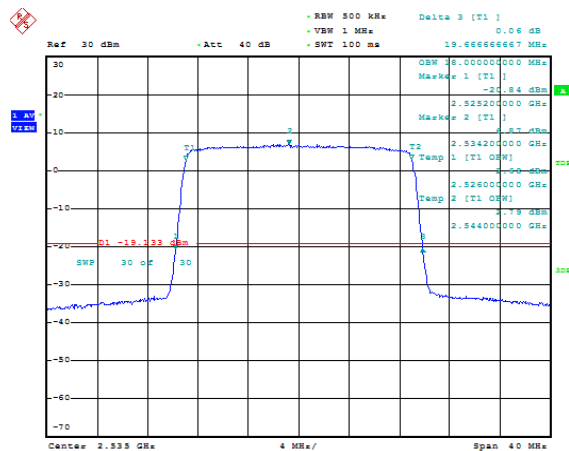
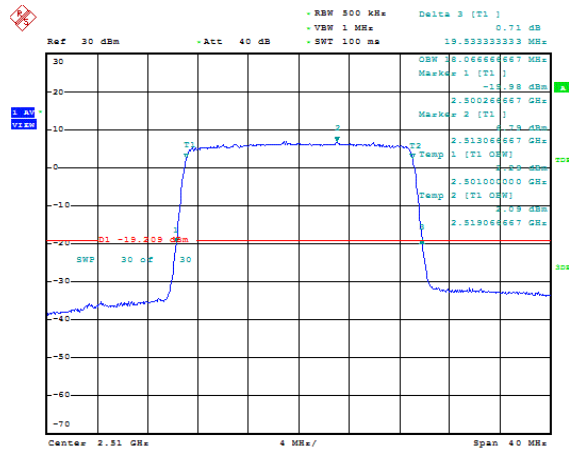
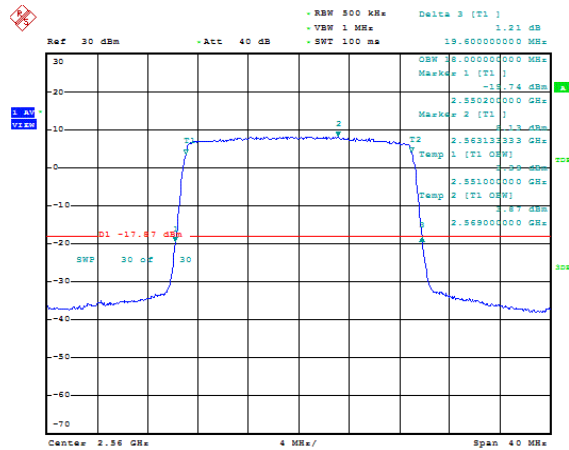
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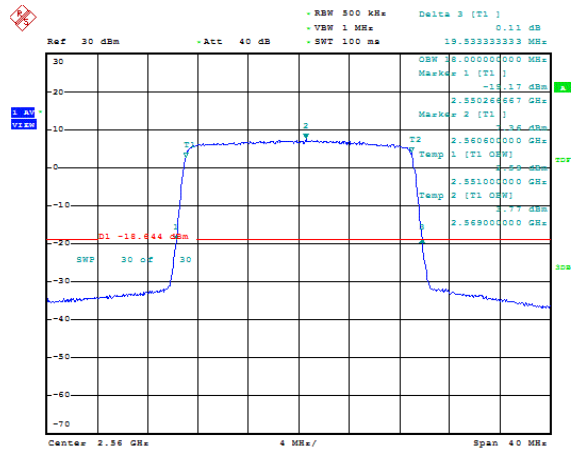
Band7-20MHz-QPSK-21100-100RB#0-18



Date: 29.OCT.2020 16:52:54

Band7-20MHz-QPSK-21350-100RB#0-18





Date: 29.OCT.2020 16:59:27

1.4. Appendix D: Band Edge

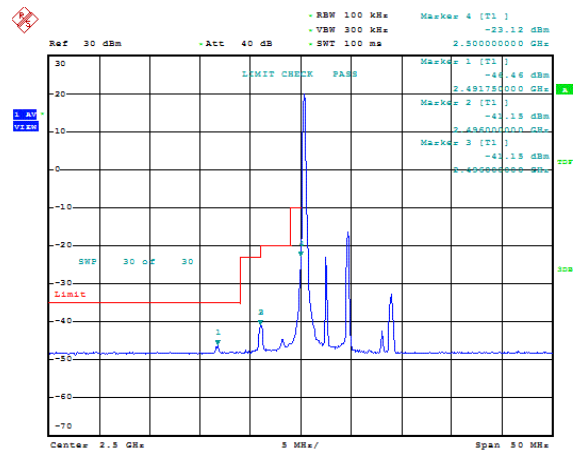
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	-46.46,-41.15,-41.15,-23.12	PASS
Band7	5MHz	QPSK	20775	1RB#24	-47.81,-42.63,-42.63,-47.20	PASS
Band7	5MHz	QPSK	20775	25RB#0	-42.55,-42.34,-40.47,-31.70	PASS
Band7	5MHz	QPSK	21425	1RB#0	-45.89,-32.37,-47.60,-47.63	PASS
Band7	5MHz	QPSK	21425	1RB#24	-21.33,-45.04,-47.52,-47.05	PASS
Band7	5MHz	QPSK	21425	25RB#0	-30.12,-36.87,-42.86,-42.67	PASS
Band7	5MHz	16QAM	20775	1RB#0	-47.32,-43.79,-43.79,-24.92	PASS
Band7	5MHz	16QAM	20775	1RB#24	-47.84,-43.84,-43.70,-47.14	PASS
Band7	5MHz	16QAM	20775	25RB#0	-42.92,-41.26,-38.19,-32.15	PASS
Band7	5MHz	16QAM	21425	1RB#0	-46.56,-34.09,-47.61,-47.68	PASS
Band7	5MHz	16QAM	21425	1RB#24	-21.45,-45.67,-47.60,-47.23	PASS
Band7	5MHz	16QAM	21425	25RB#0	-30.33,-35.99,-42.17,-42.99	PASS
Band7	10MHz	QPSK	20800	1RB#0	-46.89,-41.62,-43.87,-18.75	PASS
Band7	10MHz	QPSK	20800	1RB#49	-46.92,-33.65,-46.76,-45.84	PASS
Band7	10MHz	QPSK	20800	50RB#0	-42.88,-41.50,-38.90,-32.00	PASS
Band7	10MHz	QPSK	21400	1RB#0	-44.47,-46.40,-36.47,-46.41	PASS
Band7	10MHz	QPSK	21400	1RB#49	-14.03,-43.80,-44.24,-46.43	PASS
Band7	10MHz	QPSK	21400	50RB#0	-29.48,-35.44,-39.94,-43.05	PASS
Band7	10MHz	16QAM	20800	1RB#0	-46.82,-42.90,-44.46,-19.72	PASS
Band7	10MHz	16QAM	20800	1RB#49	-46.95,-36.49,-46.81,-46.27	PASS
Band7	10MHz	16QAM	20800	50RB#0	-42.43,-39.49,-37.83,-32.83	PASS
Band7	10MHz	16QAM	21400	1RB#0	-44.81,-46.39,-38.27,-46.45	PASS
Band7	10MHz	16QAM	21400	1RB#49	-14.44,-43.89,-44.54,-46.40	PASS
Band7	10MHz	16QAM	21400	50RB#0	-30.51,-35.29,-38.88,-42.63	PASS
Band7	15MHz	QPSK	20825	1RB#0	-42.65,-43.70,-42.73,-16.82	PASS
Band7	15MHz	QPSK	20825	1RB#74	-34.57,-45.97,-46.36,-45.59	PASS
Band7	15MHz	QPSK	20825	75RB#0	-41.25,-39.46,-35.75,-31.98	PASS
Band7	15MHz	QPSK	21375	1RB#0	-43.65,-45.83,-35.96,-45.84	PASS
Band7	15MHz	QPSK	21375	1RB#74	-12.81,-41.77,-44.50,-45.83	PASS
Band7	15MHz	QPSK	21375	75RB#0	-29.72,-32.60,-38.70,-42.33	PASS
Band7	15MHz	16QAM	20825	1RB#0	-42.93,-44.01,-43.13,-17.65	PASS
Band7	15MHz	16QAM	20825	1RB#74	-36.25,-46.25,-46.45,-45.84	PASS
Band7	15MHz	16QAM	20825	75RB#0	-40.41,-38.00,-35.55,-32.88	PASS

Band7	15MHz	16QAM	21375	1RB#0	-44.05,-45.84,-37.77,-45.82	PASS
Band7	15MHz	16QAM	21375	1RB#74	-14.06,-42.38,-44.57,-45.84	PASS
Band7	15MHz	16QAM	21375	75RB#0	-30.27,-32.38,-37.19,-41.59	PASS
Band7	20MHz	QPSK	20850	1RB#0	-53.82,-52.45,-45.28,-19.52	PASS
Band7	20MHz	QPSK	20850	1RB#99	-52.51,-56.52,-56.59,-55.31	PASS
Band7	20MHz	QPSK	20850	100RB#0	-41.10,-38.24,-36.02,-27.79	PASS
Band7	20MHz	QPSK	21350	1RB#0	-51.75,-56.26,-45.09,-56.20	PASS
Band7	20MHz	QPSK	21350	1RB#99	-16.84,-41.24,-53.11,-56.18	PASS
Band7	20MHz	QPSK	21350	100RB#0	-25.16,-33.88,-36.85,-42.76	PASS
Band7	20MHz	16QAM	20850	1RB#0	-54.76,-52.88,-46.46,-20.98	PASS
Band7	20MHz	16QAM	20850	1RB#99	-53.75,-56.54,-56.59,-55.44	PASS
Band7	20MHz	16QAM	20850	100RB#0	-39.22,-37.04,-36.14,-28.56	PASS
Band7	20MHz	16QAM	21350	1RB#0	-52.28,-56.24,-47.85,-56.13	PASS
Band7	20MHz	16QAM	21350	1RB#99	-17.55,-41.89,-53.23,-56.21	PASS
Band7	20MHz	16QAM	21350	100RB#0	-26.10,-33.48,-35.43,-42.05	PASS

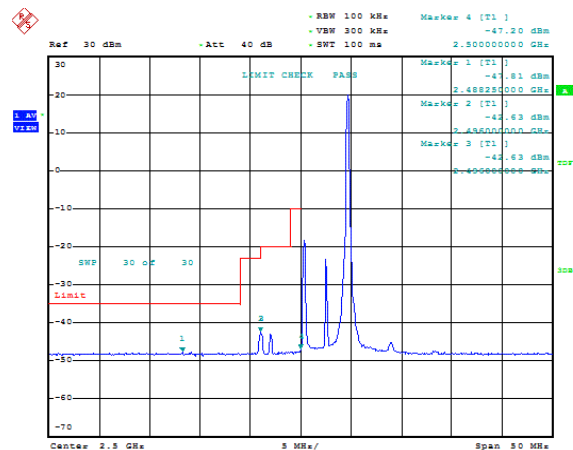
Test Graphs

Band7-5MHz-QPSK-20775-1RB#0



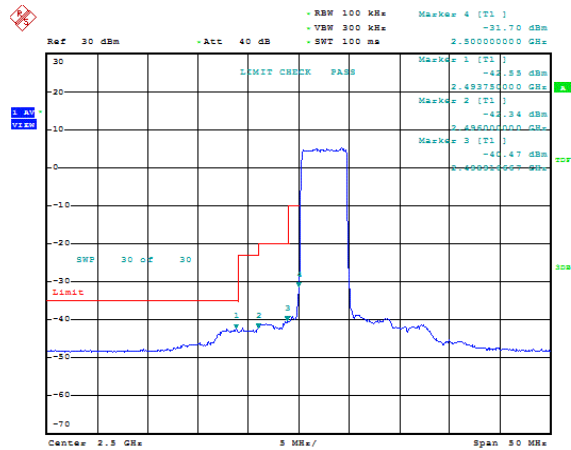
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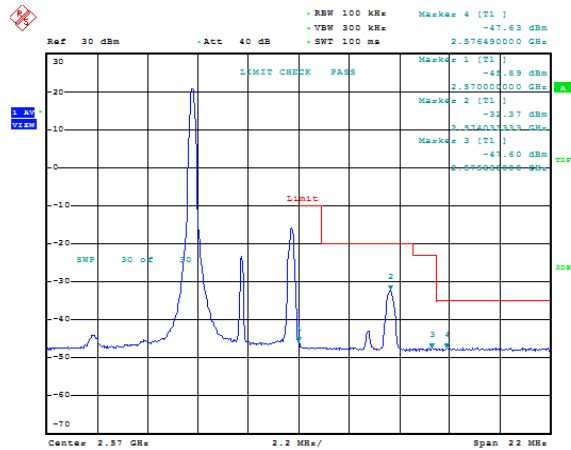
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Band7-5MHz-QPSK-20775-25RB#0



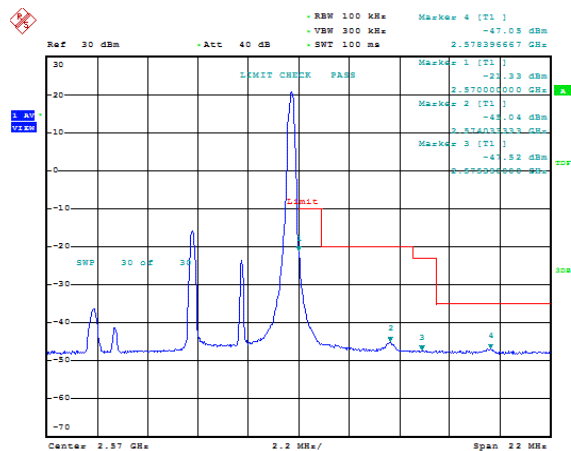
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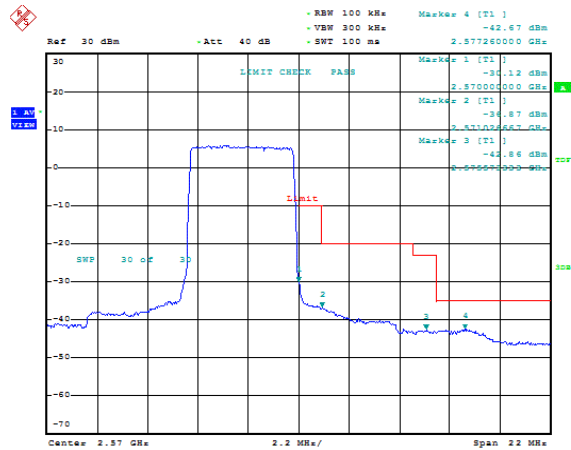
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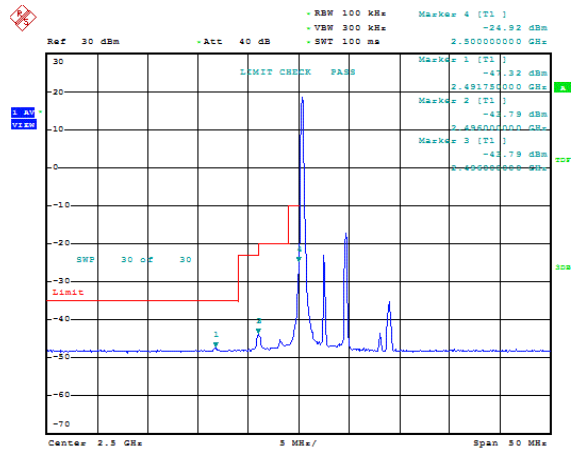
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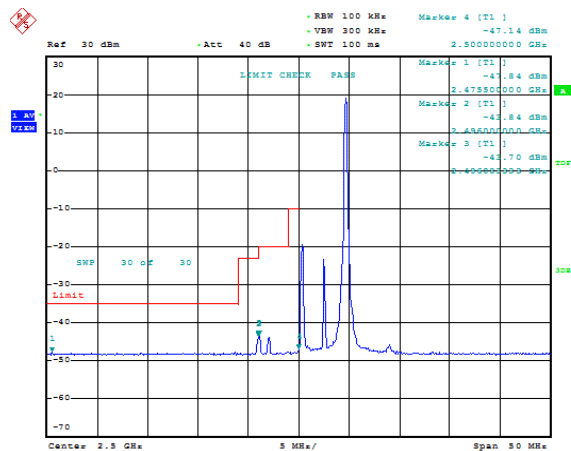
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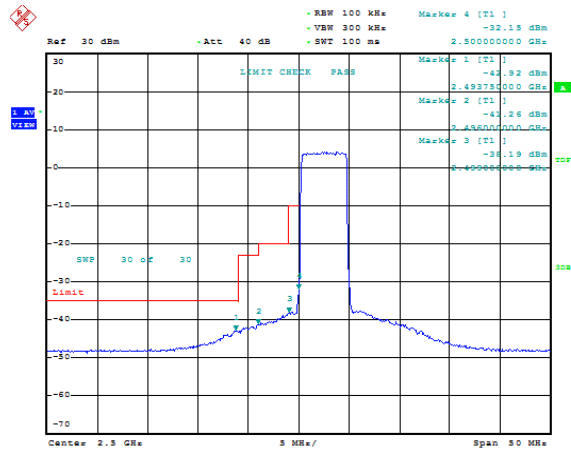
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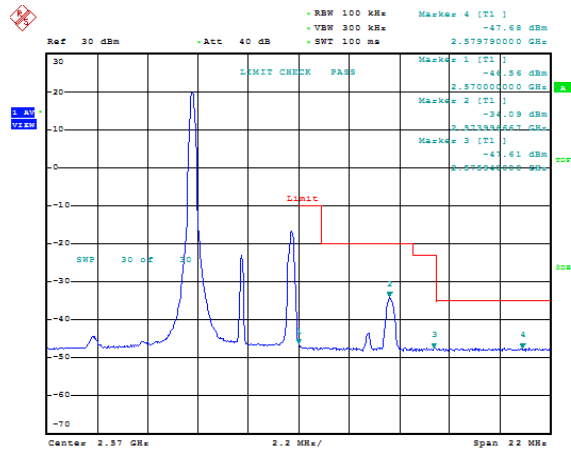


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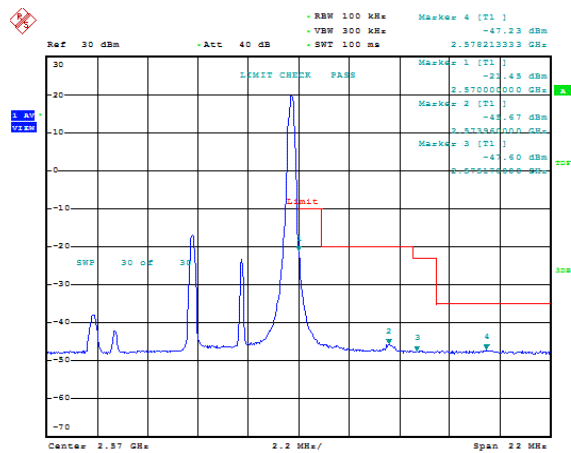
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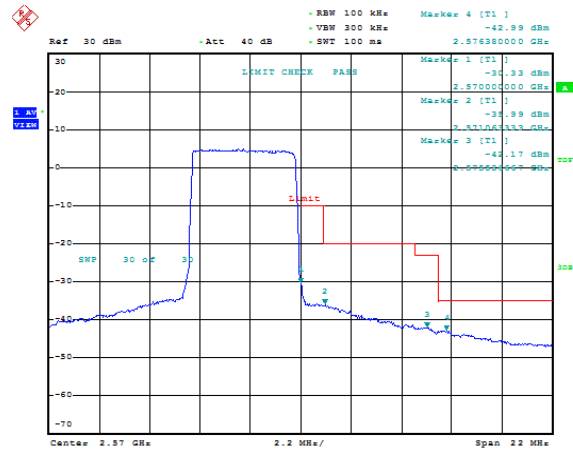
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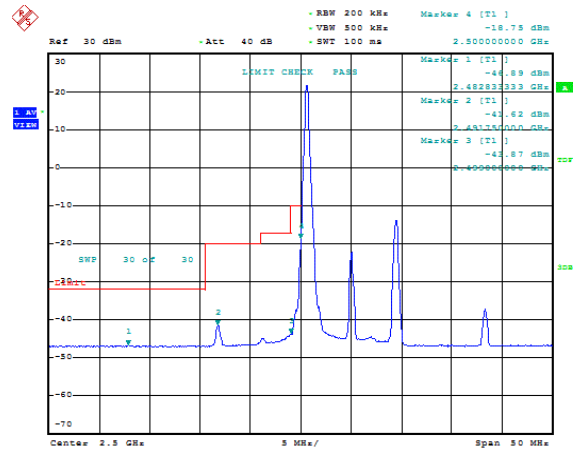


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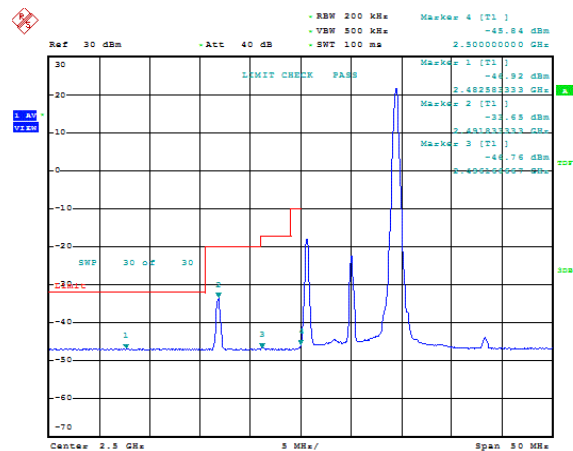
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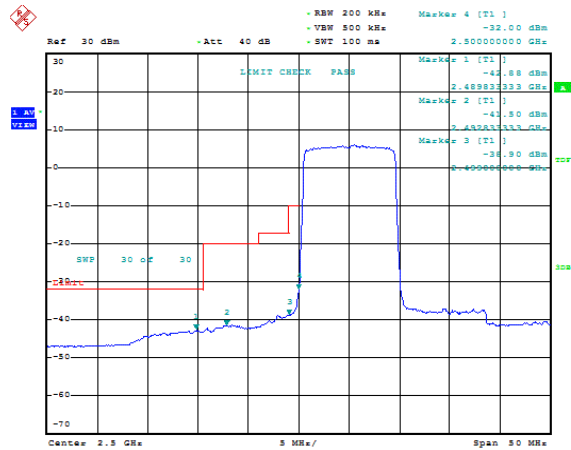
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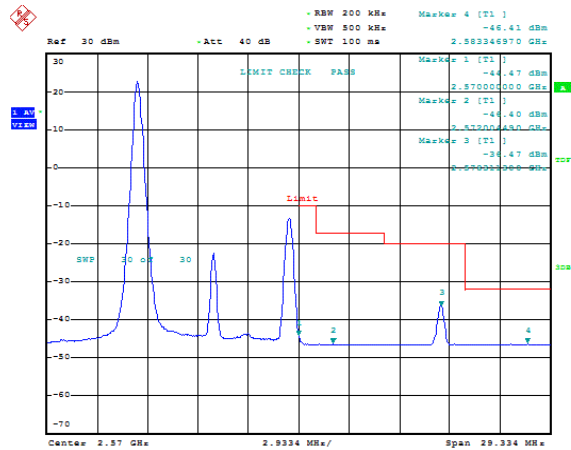
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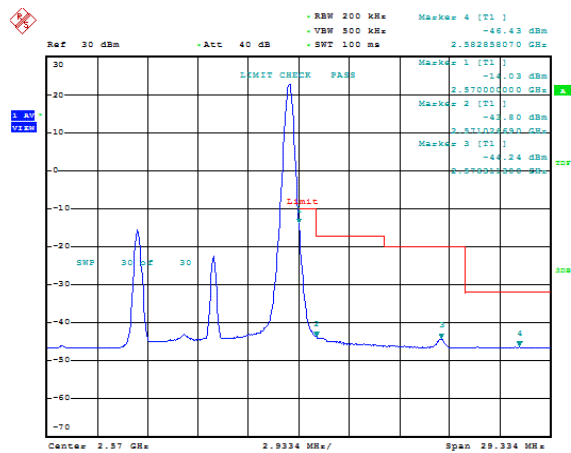
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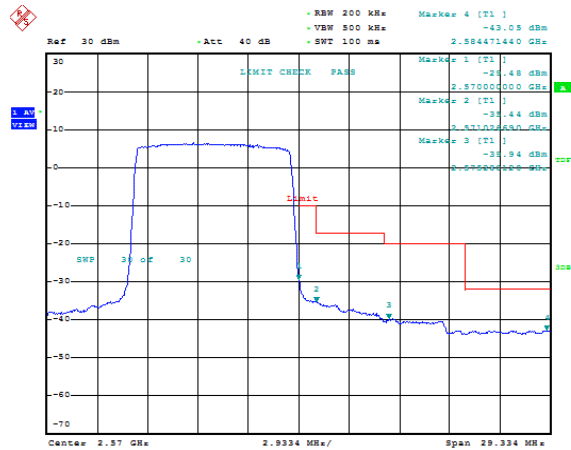
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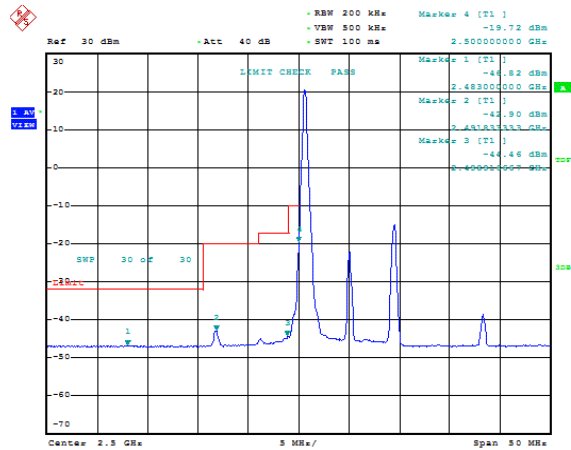
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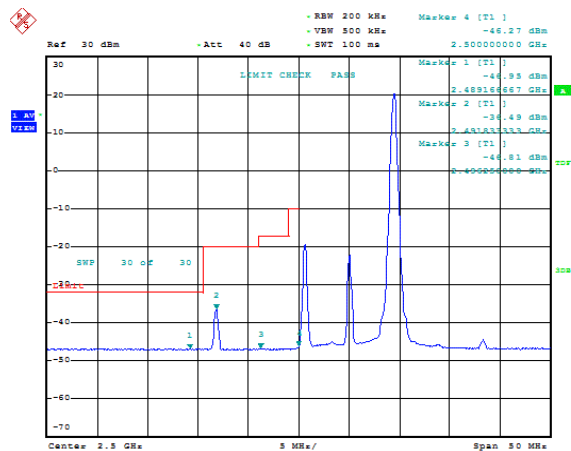
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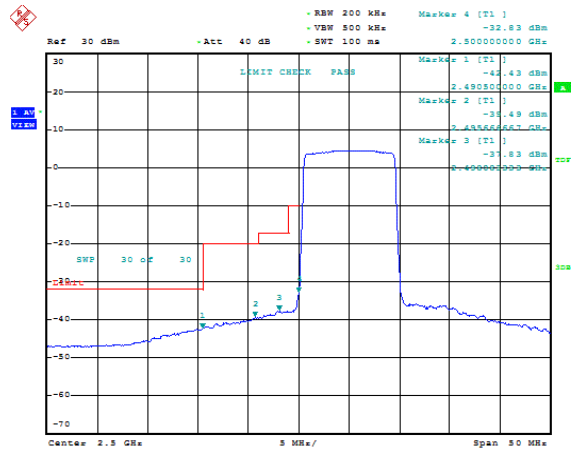
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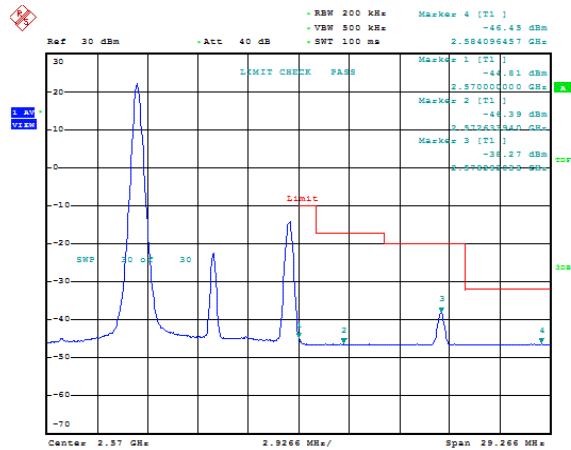
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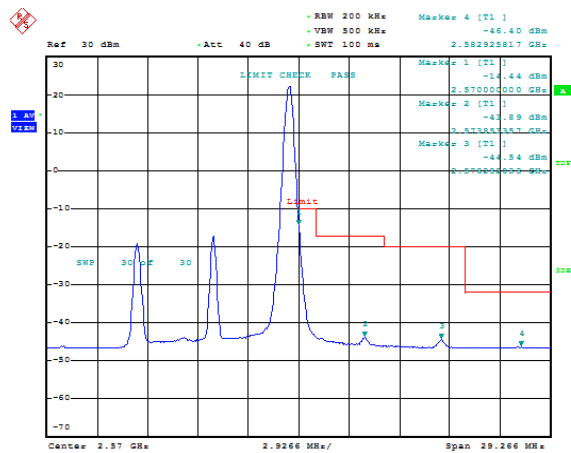
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Band7-10MHz-16QAM-21400-1RB#0



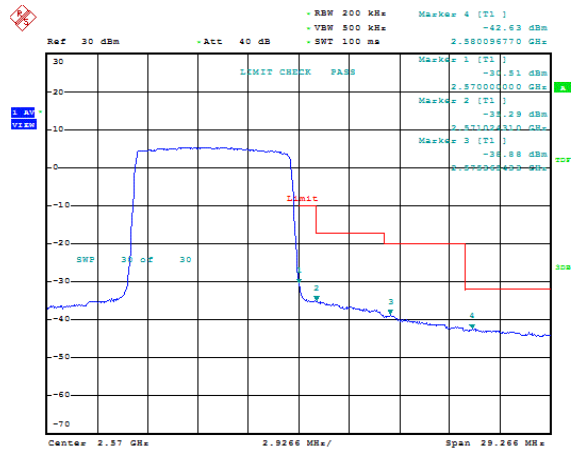
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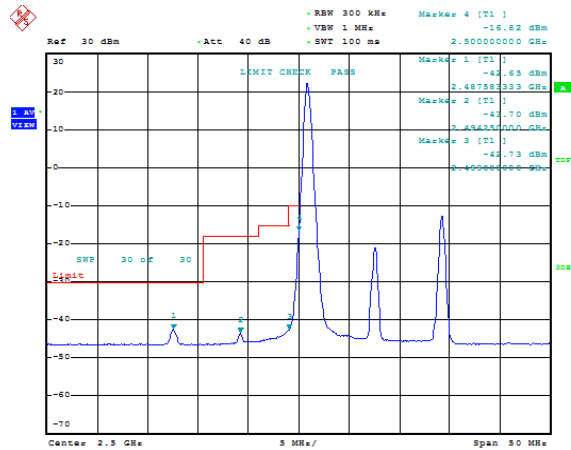
Date: 29.OCT.2020 15:14:12

Band7-10MHz-16QAM-21400-50RB#0



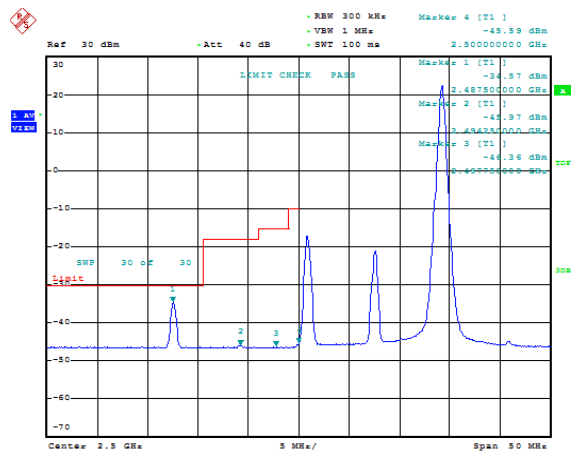
Date: 29.OCT.2020 15:14:26

Band7-15MHz-QPSK-20825-1RB#0



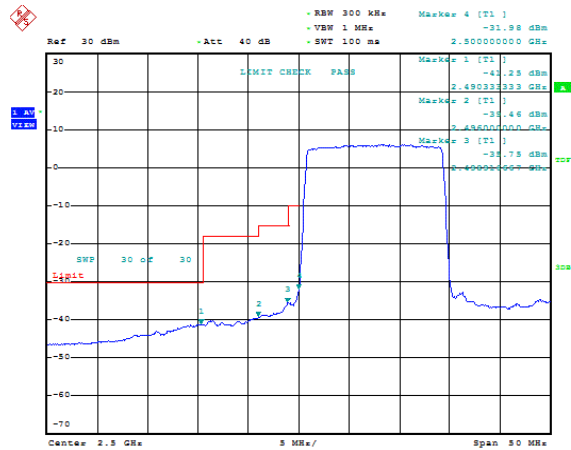
Date: 29.OCT.2020 16:22:16

Band7-15MHz-QPSK-20825-1RB#74



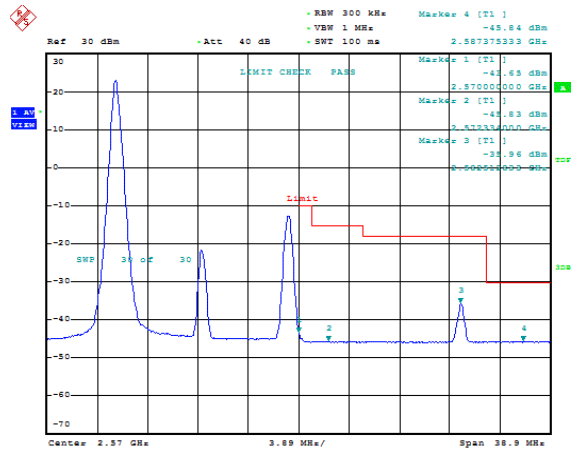
Date: 29.OCT.2020 16:22:29

Band7-15MHz-QPSK-20825-75RB#0



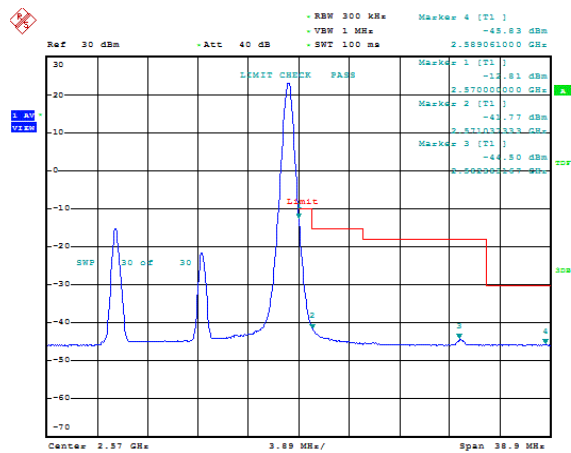
Date: 29.OCT.2020 16:33:03

Band7-15MHz-QPSK-21375-1RB#0



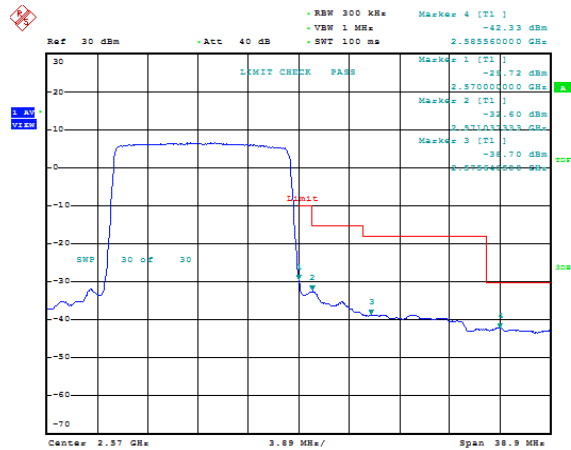
Date: 29.OCT.2020 16:33:31

Band7-15MHz-QPSK-21375-1RB#74



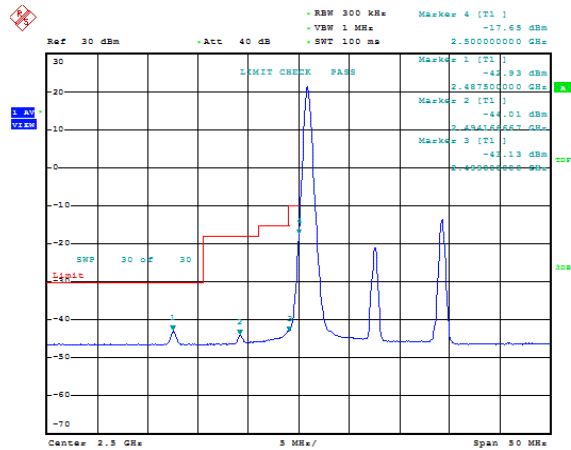
Date: 29.OCT.2020 16:33:55

Band7-15MHz-QPSK-21375-75RB#0



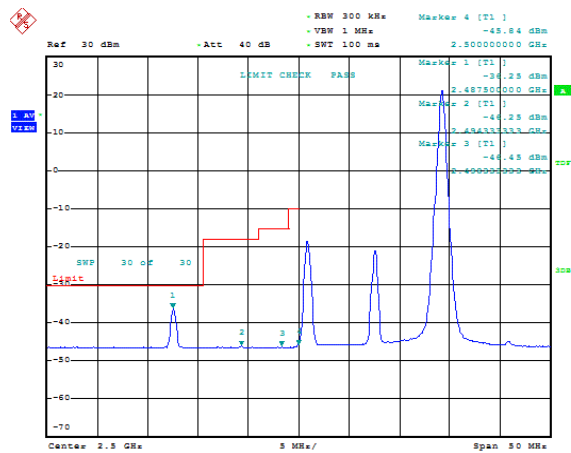
Date: 29.OCT.2020 16:34:18

Band7-15MHz-16QAM-20825-1RB#0



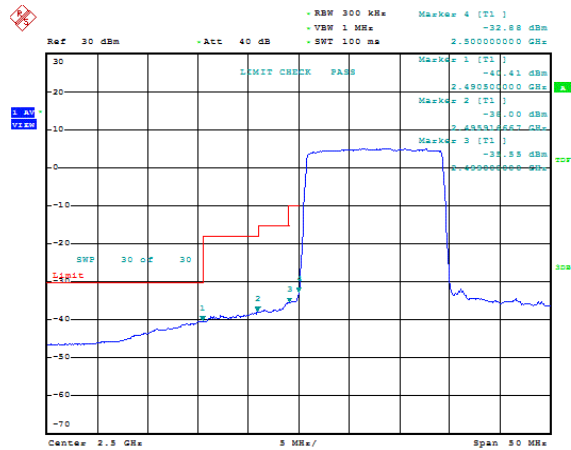
Date: 29.OCT.2020 16:32:28

Band7-15MHz-16QAM-20825-1RB#74



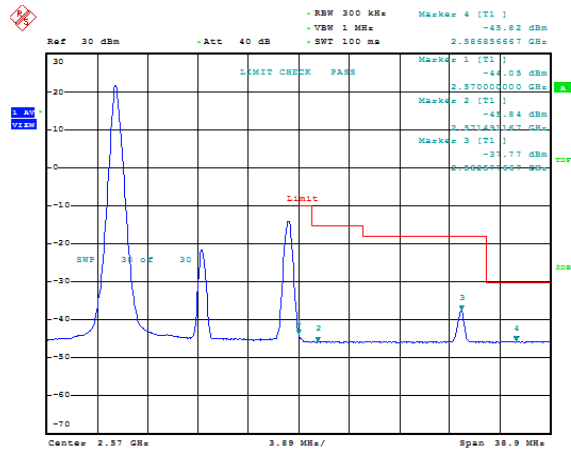
Date: 29.OCT.2020 16:32:51

Band7-15MHz-16QAM-20825-75RB#0



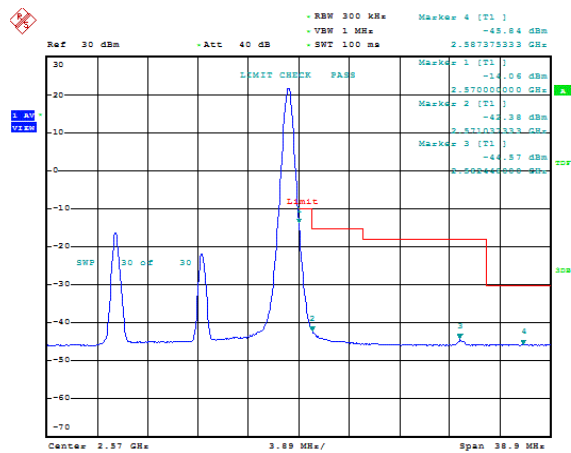
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Band7-15MHz-16QAM-21375-1RB#0



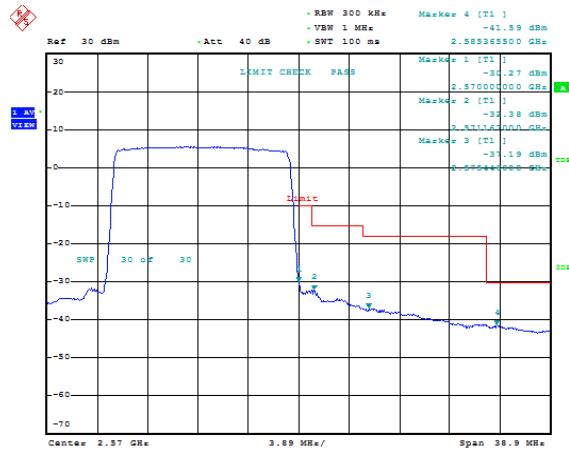
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Band7-15MHz-16QAM-21375-1RB#74



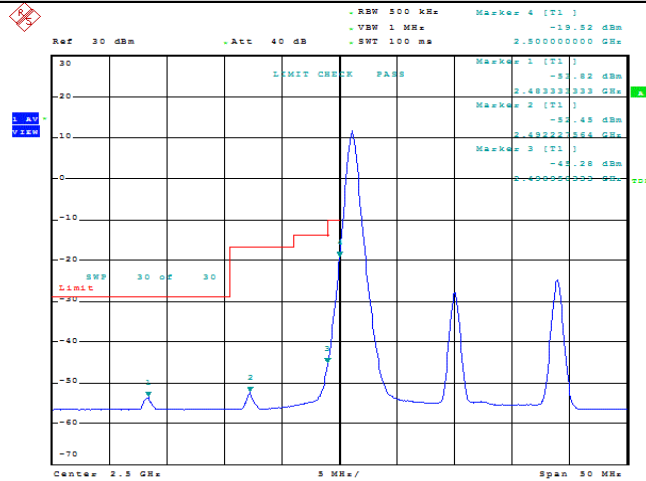
Date: 29.OCT.2020 16:34:06

Band7-15MHz-16QAM-21375-75RB#0



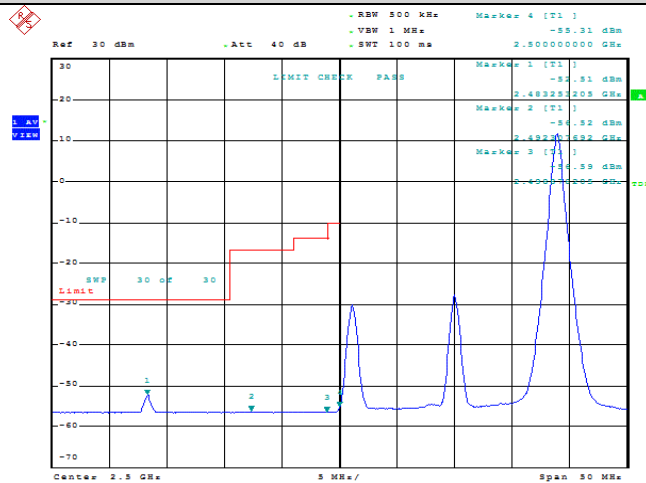
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Band7-20MHz-QPSK-20850-1RB#0



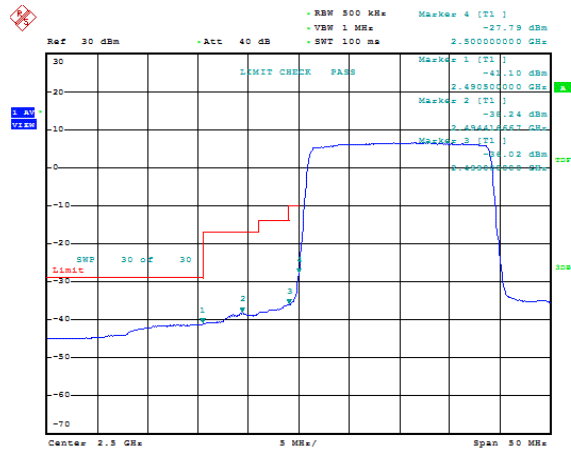
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Band7-20MHz-QPSK-20850-1RB#99



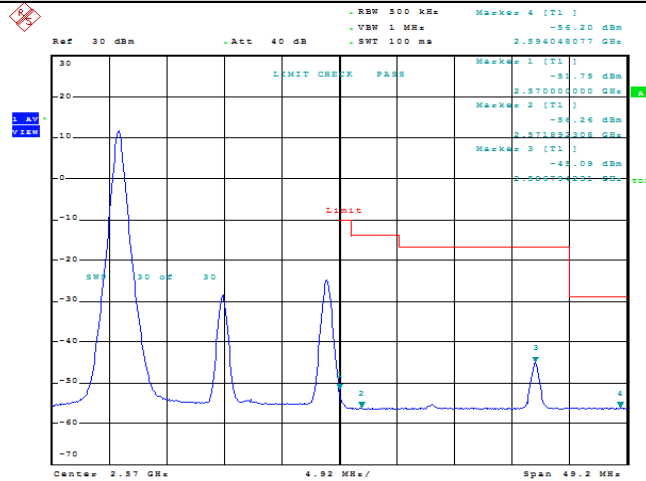
Date: 9.NOV.2020 09:52:01

Band7-20MHz-QPSK-20850-100RB#0



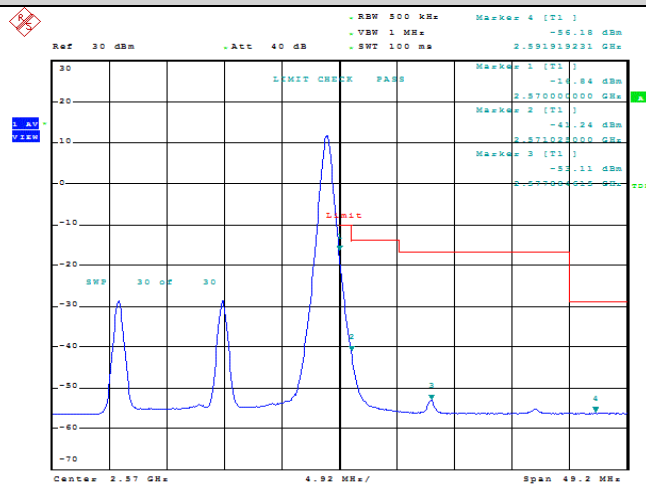
Date: 29.OCT.2020 16:54:32

Band7-20MHz-QPSK-21350-1RB#0



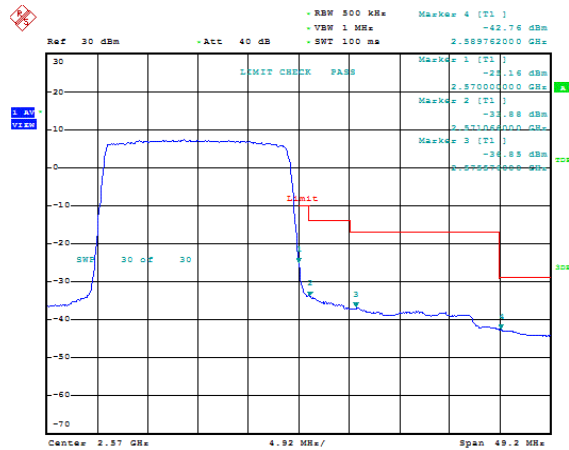
Date: 9.NOV.2020 09:53:06

Band7-20MHz-QPSK-21350-1RB#99



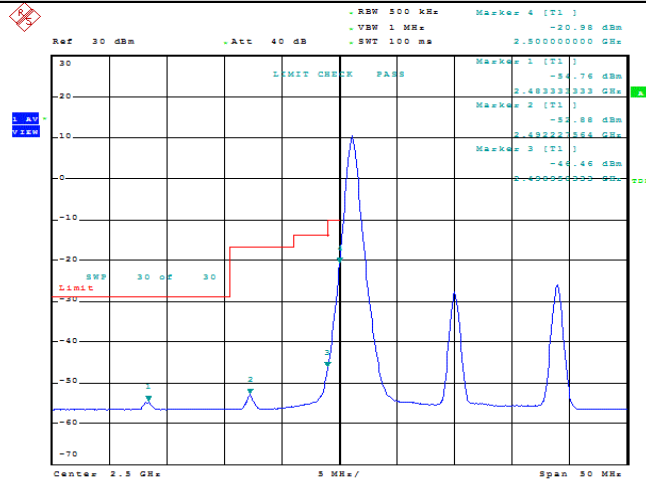
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Band7-20MHz-QPSK-21350-100RB#0



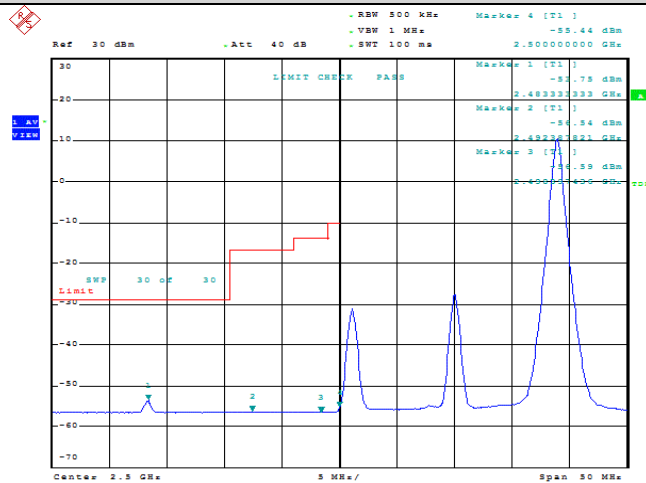
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Band7-20MHz-16QAM-20850-1RB#0



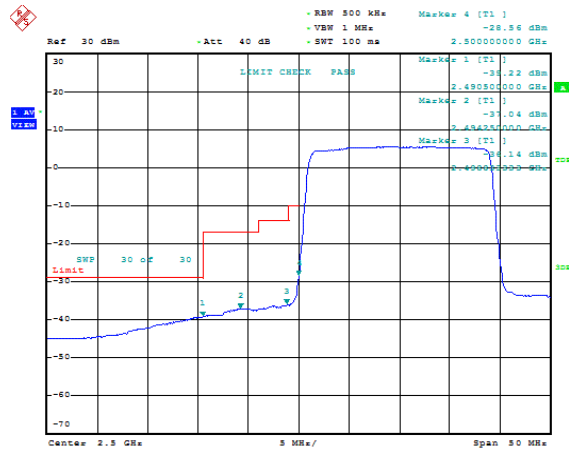
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Band7-20MHz-16QAM-20850-1RB#99

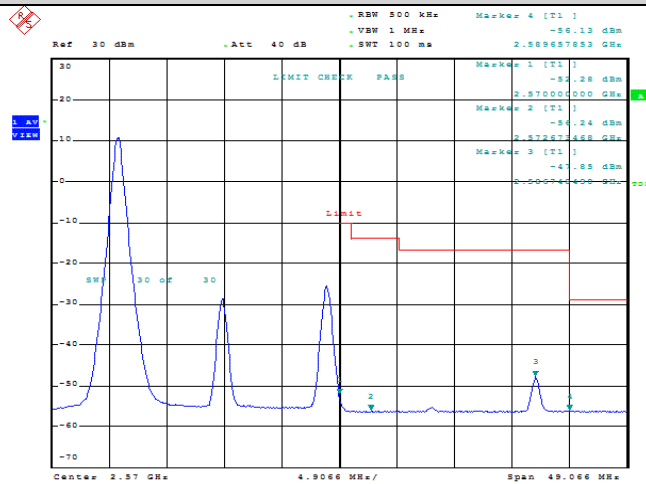


Date: 9.NOV.2020 09:52:14

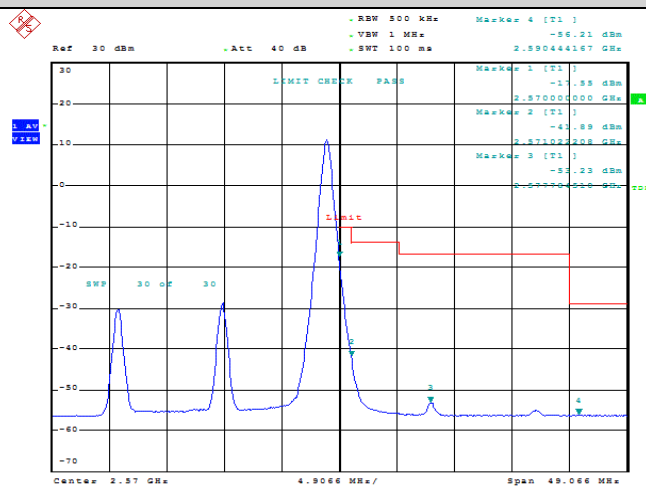
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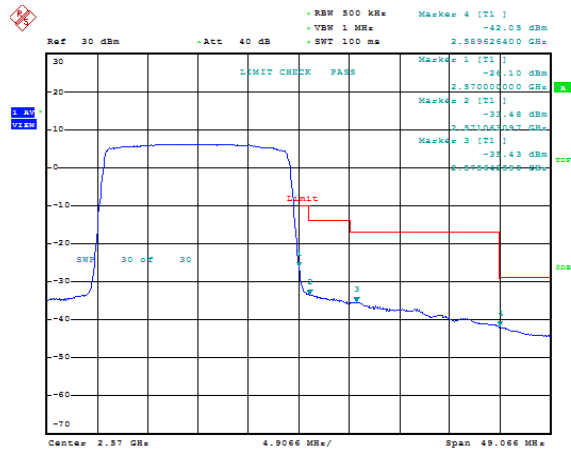
Band7-20MHz-16QAM-21350-1RB#0



Band7-20MHz-16QAM-21350-1RB#99



Band7-20MHz-16QAM-21350-100RB#0



Date: 29.OCT.2020 16:56:03

1.5. Appendix E: Conducted Spurious Emission

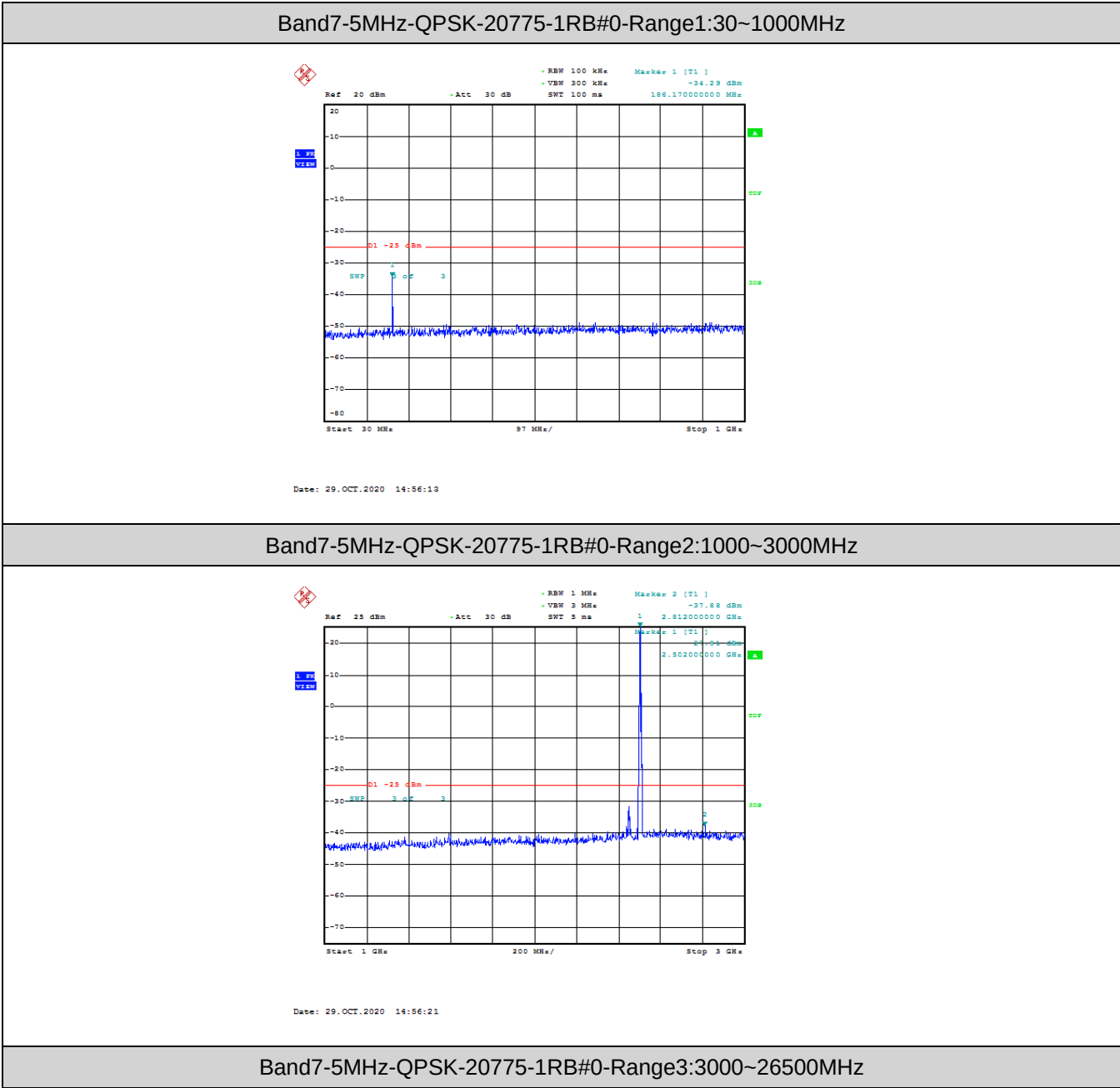
Test Result

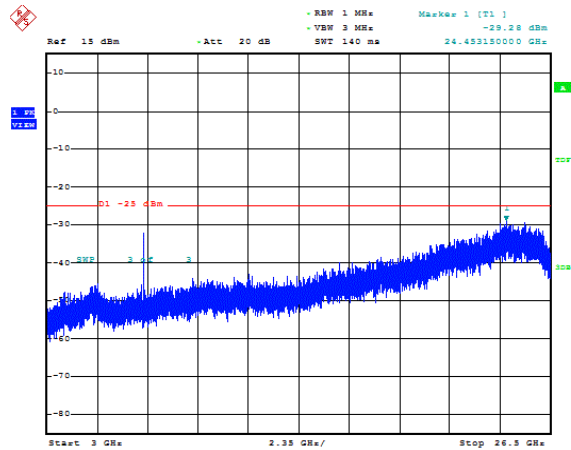
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	Range1:30~1000MHz	-34.29	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range2:1000~3000MHz	-37.88	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range3:3000~26500MHz	-29.28	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-33.08	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range2:1000~3000MHz	-38.47	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range3:3000~26500MHz	-29.85	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range1:30~1000MHz	-31.38	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range2:1000~3000MHz	-38.53	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range3:3000~26500MHz	-29.73	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range1:30~1000MHz	-36.72	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range2:1000~3000MHz	-38.83	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range3:3000~26500MHz	-29.9	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-34.34	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range2:1000~3000MHz	-38.76	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range3:3000~26500MHz	-28.99	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range1:30~1000MHz	-32.37	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range2:1000~3000MHz	-38.39	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range3:3000~26500MHz	-29.34	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range1:30~1000MHz	-35.21	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range2:1000~3000MHz	-39.07	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range3:3000~26500MHz	-29.27	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-33.98	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range2:1000~3000MHz	-39.03	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range3:3000~26500MHz	-29.4	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range1:30~1000MHz	-33.66	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range2:1000~3000MHz	-37.99	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range3:3000~26500MHz	-29.09	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range1:30~1000MHz	-36.08	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range2:1000~3000MHz	-38.89	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range3:3000~26500MHz	-29.43	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-35.61	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range2:1000~3000MHz	-37.73	PASS

Band7	10MHz	16QAM	21100	1RB#0	Range3:3000~26500MHz	-29.28	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range1:30~1000MHz	-32.28	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range2:1000~3000MHz	-38.01	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range3:3000~26500MHz	-29.4	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range1:30~1000MHz	-35.21	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range2:1000~3000MHz	-38.35	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range3:3000~26500MHz	-28.91	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-33.01	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range2:1000~3000MHz	-37.91	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range3:3000~26500MHz	-29.67	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range1:30~1000MHz	-32.04	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range2:1000~3000MHz	-38.78	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range3:3000~26500MHz	-29.52	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range1:30~1000MHz	-33.12	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range2:1000~3000MHz	-38.94	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range3:3000~26500MHz	-29.04	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-35.16	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range2:1000~3000MHz	-38.2	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range3:3000~26500MHz	-28.86	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range1:30~1000MHz	-32.83	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range2:1000~3000MHz	-38.9	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range3:3000~26500MHz	-29.06	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range1:30~1000MHz	-35.6	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range2:1000~3000MHz	-39.17	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range3:3000~26500MHz	-29.64	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-35.27	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range2:1000~3000MHz	-38.49	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range3:3000~26500MHz	-29.91	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range1:30~1000MHz	-32.52	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range2:1000~3000MHz	-39.06	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range3:3000~26500MHz	-29.68	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range1:30~1000MHz	-33.66	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range2:1000~3000MHz	-39.04	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range3:3000~26500MHz	-29.35	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-35.07	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range2:1000~3000MHz	-38.72	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range3:3000~26500MHz	-29.28	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range1:30~1000MHz	-31.57	PASS

Band7	20MHz	16QAM	21350	1RB#0	Range2:1000~3000MHz	-29.24	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range3:3000~26500MHz	-29.83	PASS

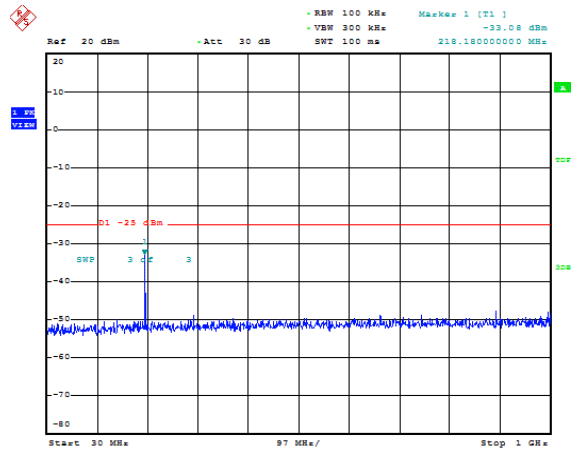
Test Graphs





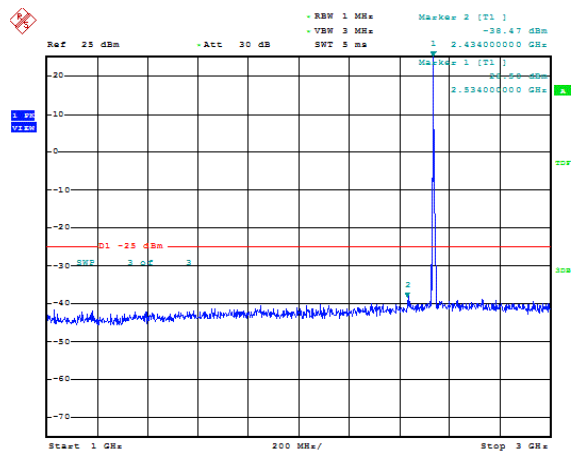
Date: 29.OCT.2020 14:56:29

Band7-5MHz-QPSK-21100-1RB#0-Range1:30~1000MHz



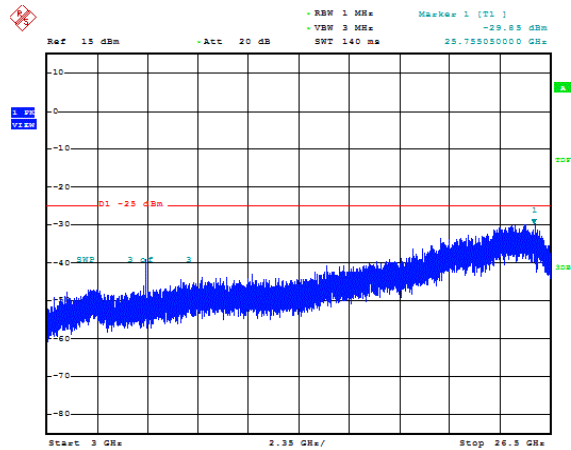
Date: 29.OCT.2020 14:57:05

Band7-5MHz-QPSK-21100-1RB#0-Range2:1000~3000MHz



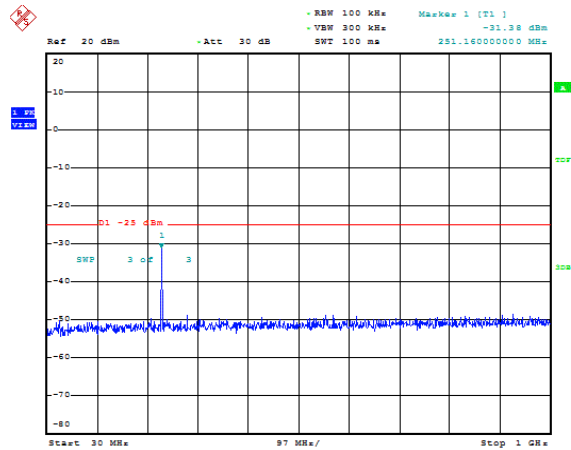
Date: 29.OCT.2020 14:57:13

Band7-5MHz-QPSK-21100-1RB#0-Range3:3000~26500MHz



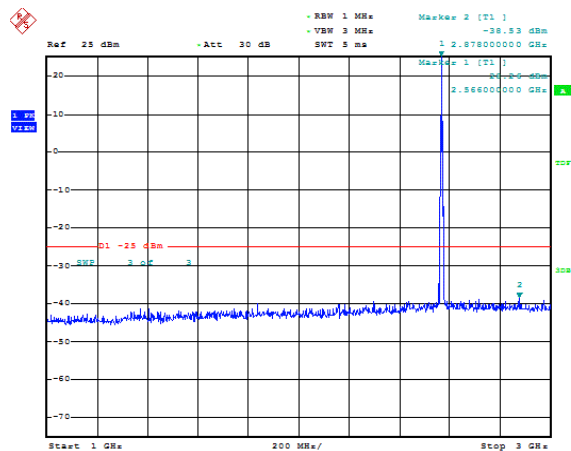
Date: 29.OCT.2020 14:57:21

Band7-5MHz-QPSK-21425-1RB#0-Range1:30~1000MHz



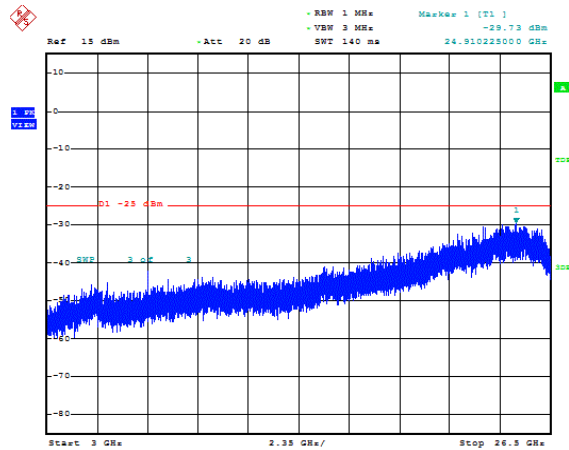
Date: 29.OCT.2020 14:57:58

Band7-5MHz-QPSK-21425-1RB#0-Range2:1000~3000MHz



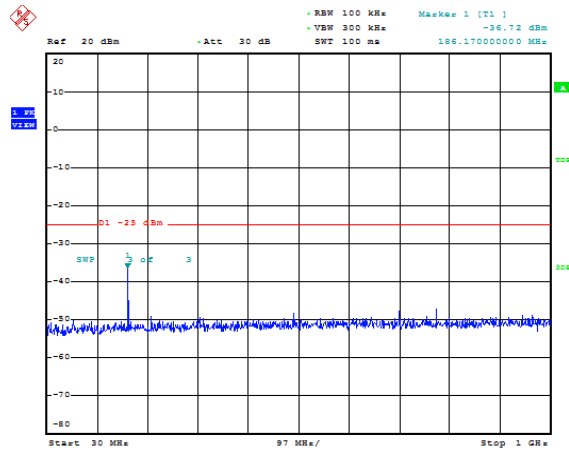
Date: 29.OCT.2020 14:58:06

Band7-5MHz-QPSK-21425-1RB#0-Range3:3000~26500MHz



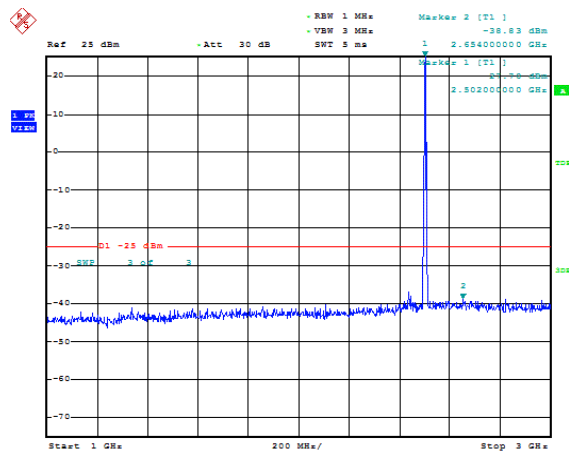
Date: 29.OCT.2020 14:58:14

Band7-5MHz-16QAM-20775-1RB#0-Range1:30~1000MHz



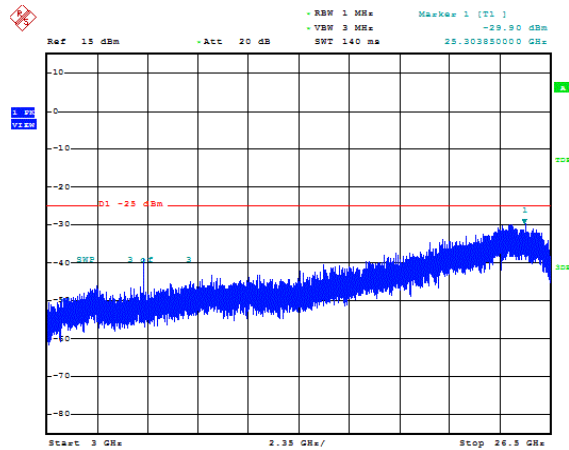
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Band7-5MHz-16QAM-20775-1RB#0-Range2:1000~3000MHz



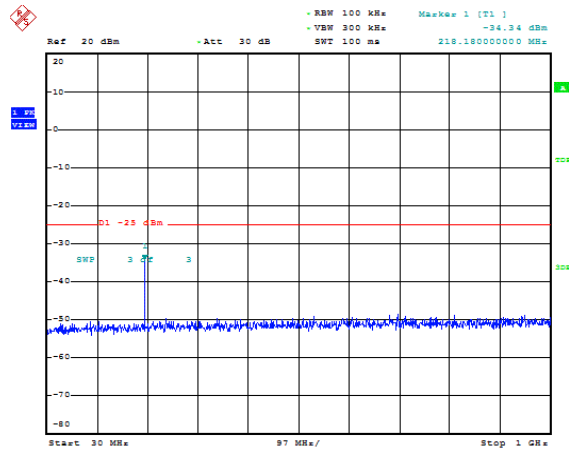
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Band7-5MHz-16QAM-20775-1RB#0-Range3:3000~26500MHz



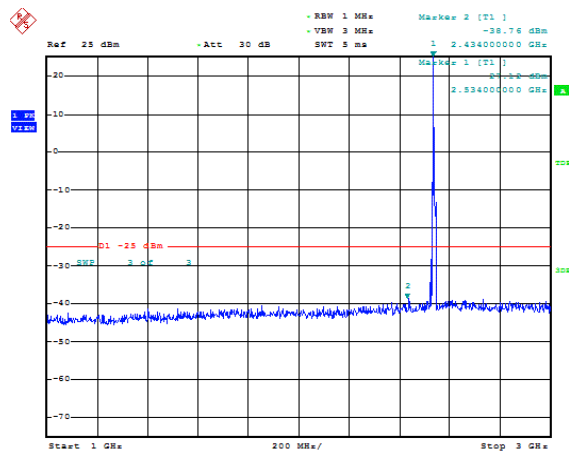
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Band7-5MHz-16QAM-21100-1RB#0-Range1:30~1000MHz



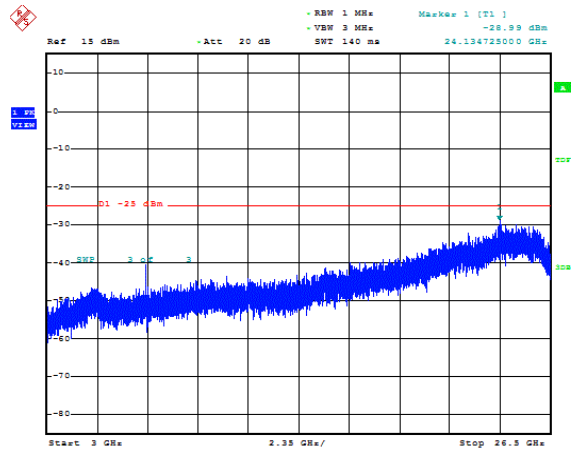
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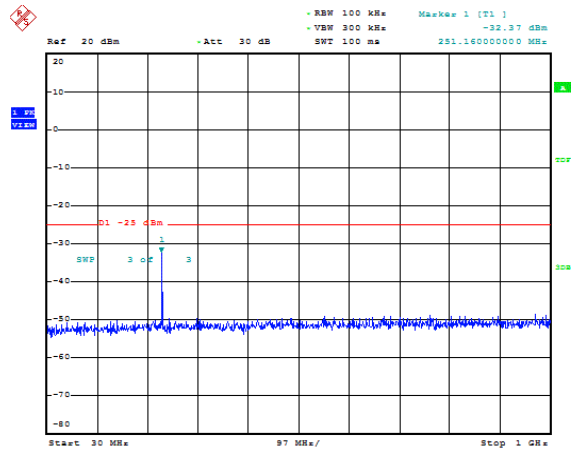
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Band7-5MHz-16QAM-21100-1RB#0-Range3:3000~26500MHz



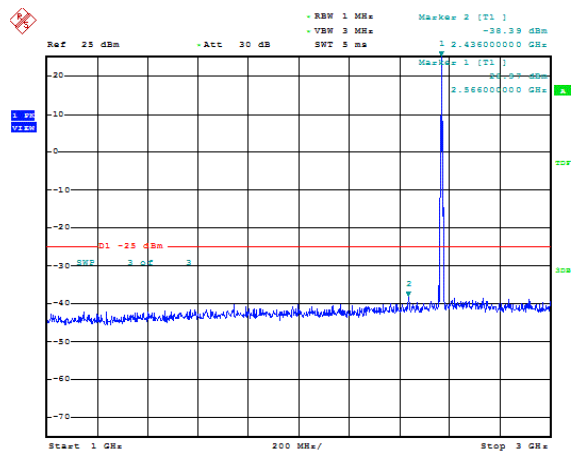
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Band7-5MHz-16QAM-21425-1RB#0-Range1:30~1000MHz



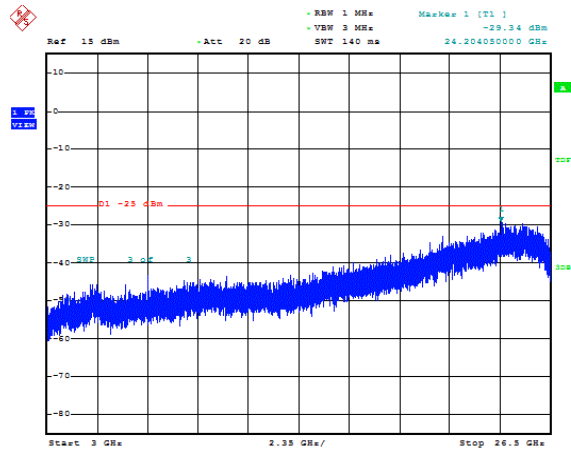
Date: 29.OCT.2020 14:58:23

Band7-5MHz-16QAM-21425-1RB#0-Range2:1000~3000MHz



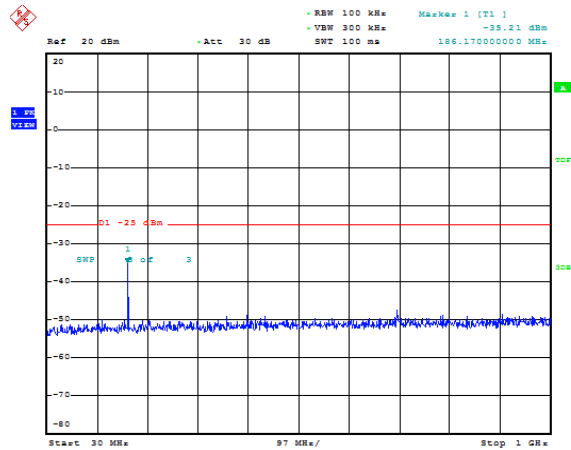
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Band7-5MHz-16QAM-21425-1RB#0-Range3:3000~26500MHz



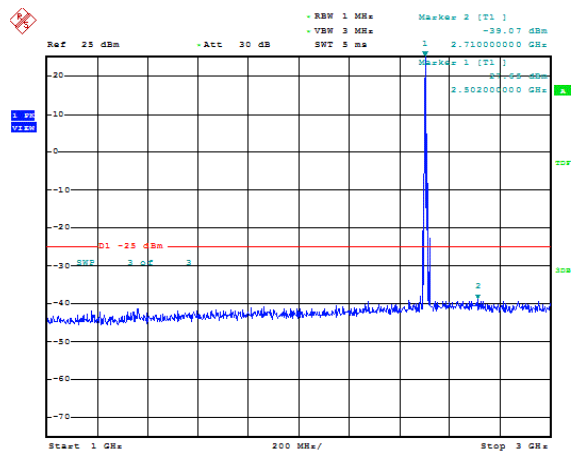
Date: 29.OCT.2020 14:58:29

Band7-10MHz-QPSK-20800-1RB#0-Range1:30~1000MHz



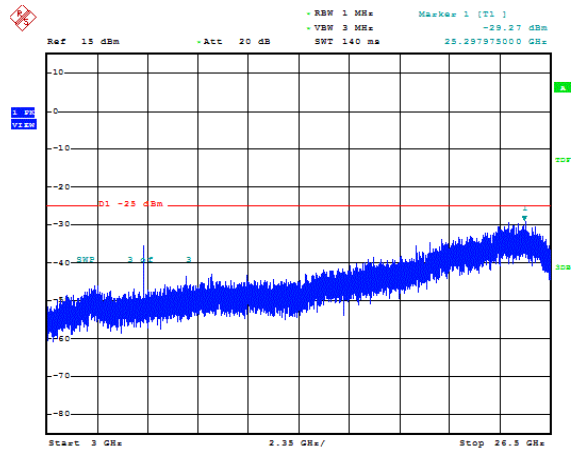
Date: 29.OCT.2020 15:14:47

Band7-10MHz-QPSK-20800-1RB#0-Range2:1000~3000MHz



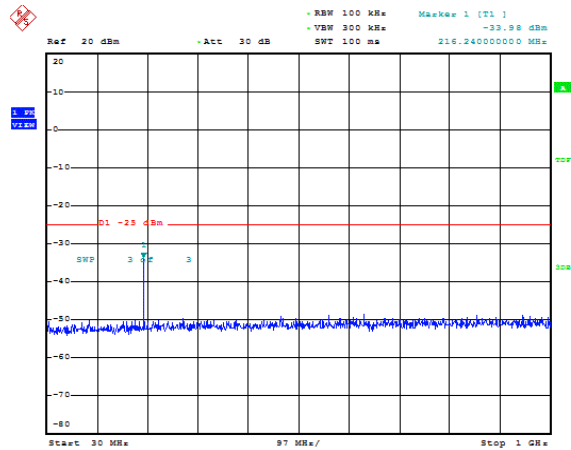
Date: 29.OCT.2020 15:14:55

Band7-10MHz-QPSK-20800-1RB#0-Range3:3000~26500MHz



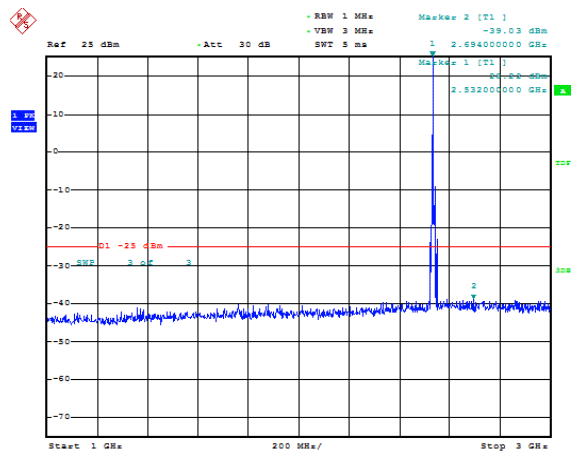
Date: 29.OCT.2020 15:15:03

Band7-10MHz-QPSK-21100-1RB#0-Range1:30~1000MHz



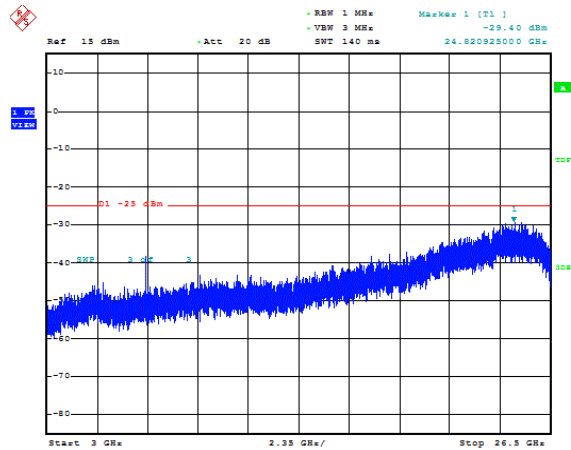
Date: 29.OCT.2020 15:15:40

Band7-10MHz-QPSK-21100-1RB#0-Range2:1000~3000MHz



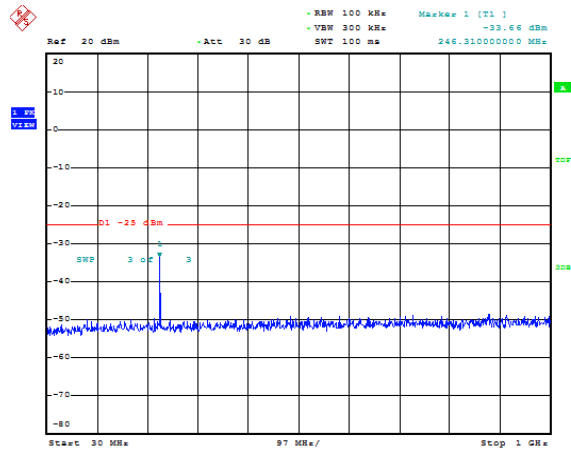
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Band7-10MHz-QPSK-21100-1RB#0-Range3:3000~26500MHz



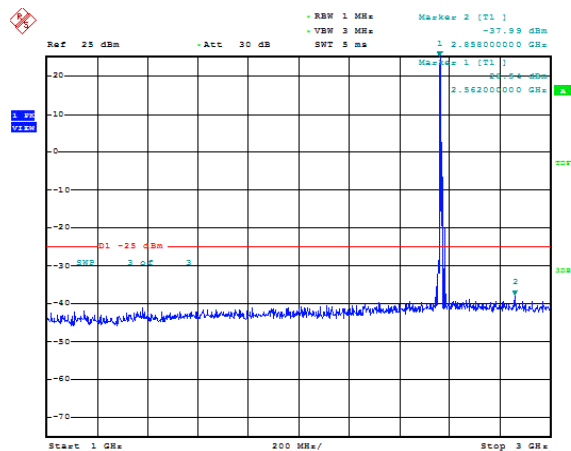
Date: 29.OCT.2020 15:15:56

Band7-10MHz-QPSK-21400-1RB#0-Range1:30~1000MHz



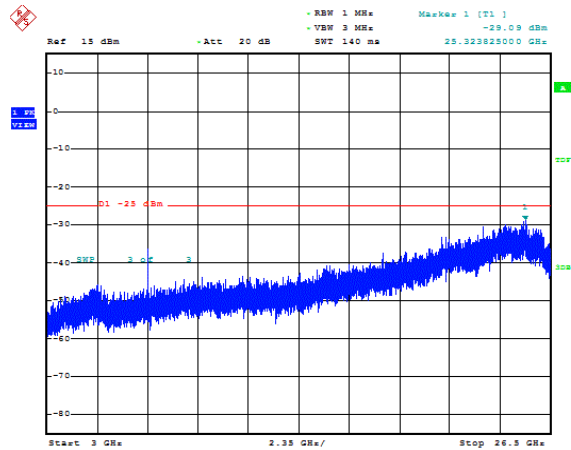
Date: 29.OCT.2020 15:16:32

Band7-10MHz-QPSK-21400-1RB#0-Range2:1000~3000MHz



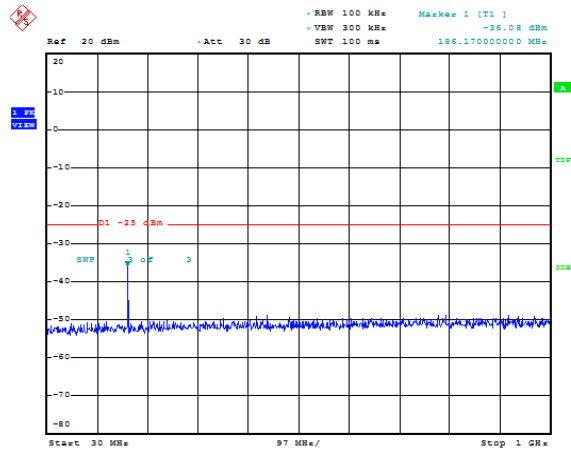
Date: 29.OCT.2020 15:16:40

Band7-10MHz-QPSK-21400-1RB#0-Range3:3000~26500MHz



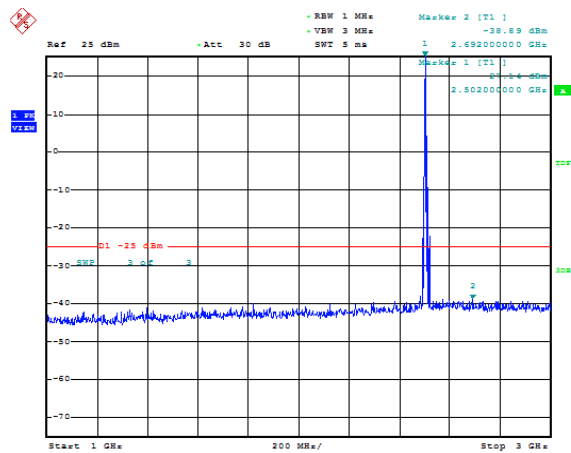
Date: 29.OCT.2020 15:16:48

Band7-10MHz-16QAM-20800-1RB#0-Range1:30~1000MHz



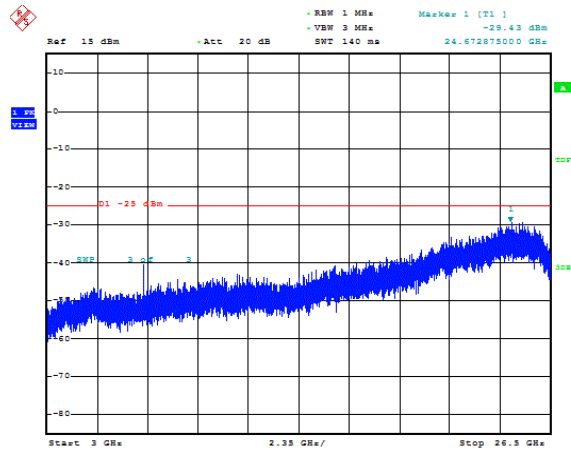
Date: 29.OCT.2020 15:15:12

Band7-10MHz-16QAM-20800-1RB#0-Range2:1000~3000MHz



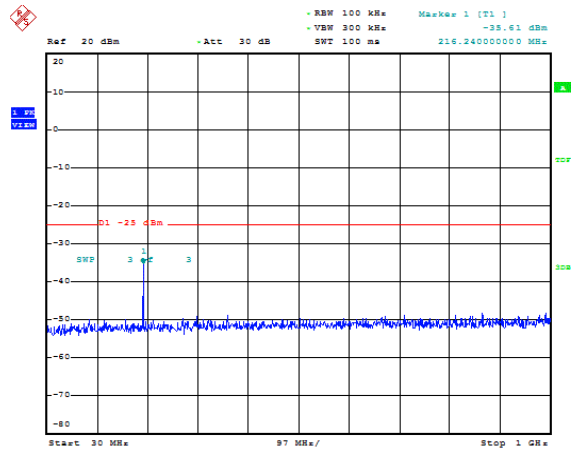
Date: 29.OCT.2020 15:15:20

Band7-10MHz-16QAM-20800-1RB#0-Range3:3000~26500MHz



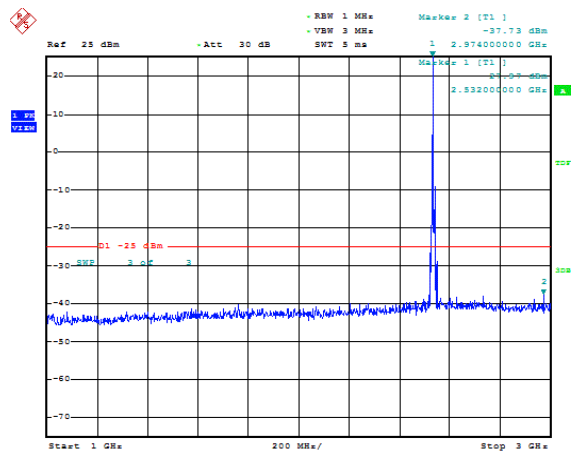
Date: 29.OCT.2020 15:15:28

Band7-10MHz-16QAM-21100-1RB#0-Range1:30~1000MHz



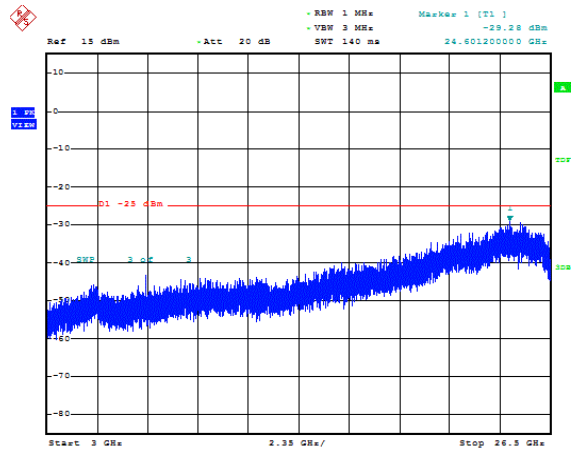
Date: 29.OCT.2020 15:16:05

Band7-10MHz-16QAM-21100-1RB#0-Range2:1000~3000MHz



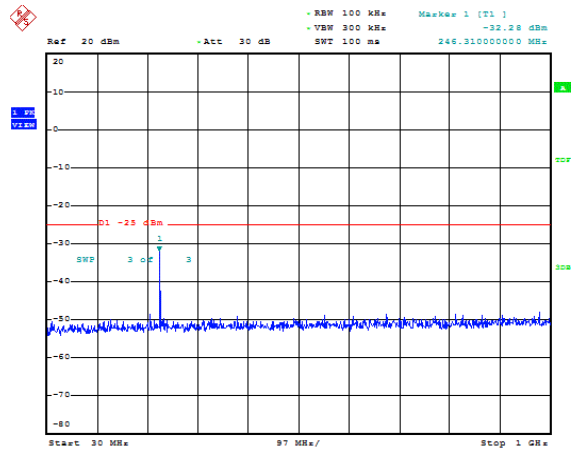
Date: 29.OCT.2020 15:16:13

Band7-10MHz-16QAM-21100-1RB#0-Range3:3000~26500MHz



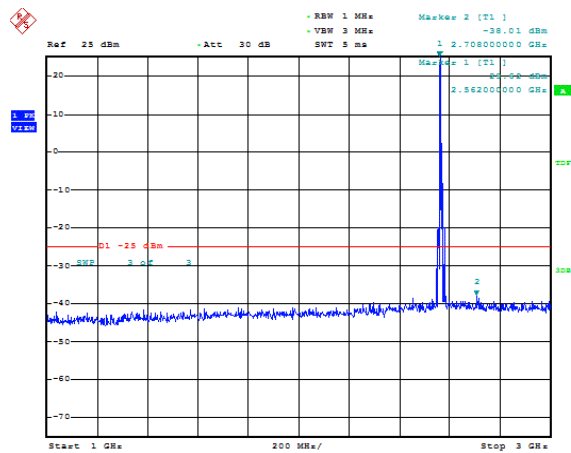
Date: 29.OCT.2020 15:16:21

Band7-10MHz-16QAM-21400-1RB#0-Range1:30~1000MHz



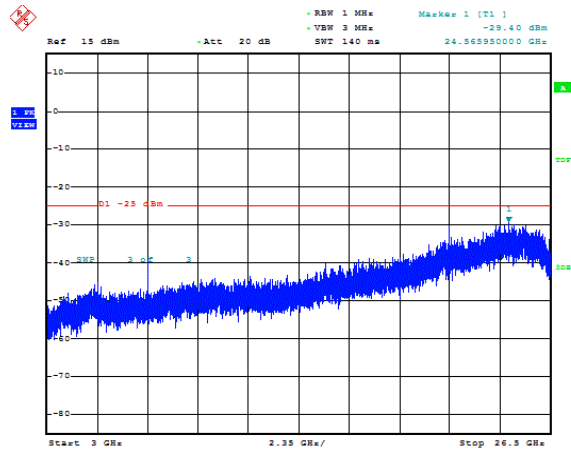
Date: 29.OCT.2020 15:16:57

Band7-10MHz-16QAM-21400-1RB#0-Range2:1000~3000MHz



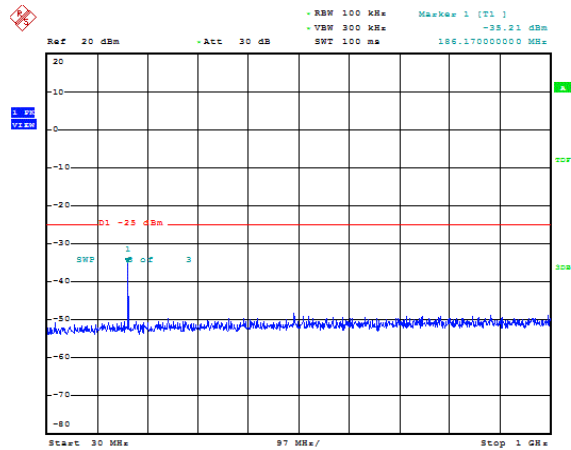
Date: 29.OCT.2020 15:17:05

Band7-10MHz-16QAM-21400-1RB#0-Range3:3000~26500MHz



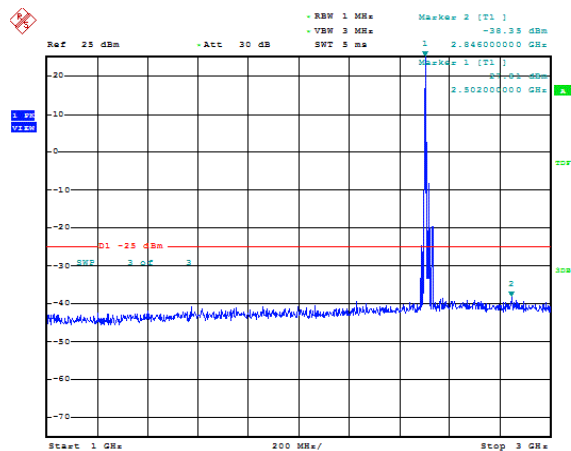
Date: 29.OCT.2020 15:17:13

Band7-15MHz-QPSK-20825-1RB#0-Range1:30~1000MHz



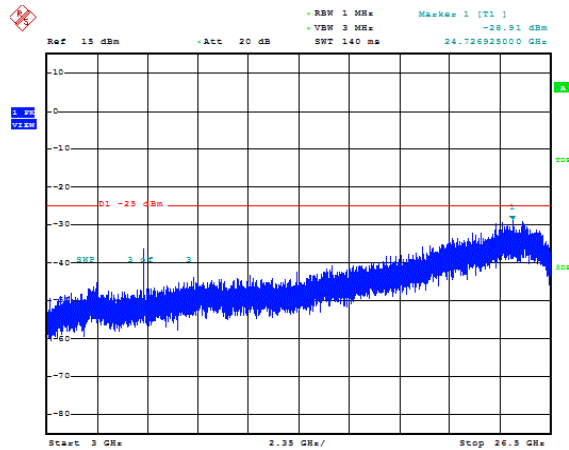
Date: 29.OCT.2020 16:34:41

Band7-15MHz-QPSK-20825-1RB#0-Range2:1000~3000MHz



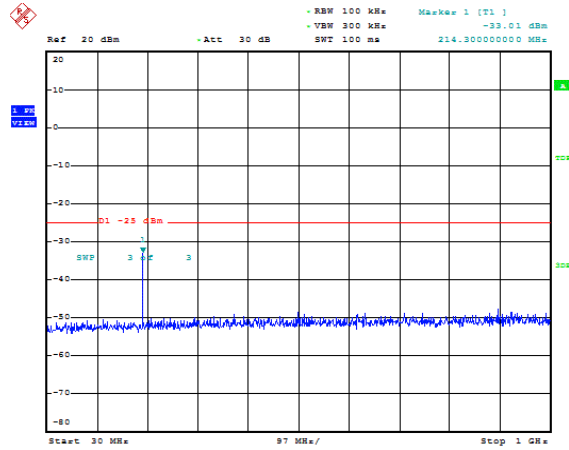
Date: 29.OCT.2020 16:34:50

Band7-15MHz-QPSK-20825-1RB#0-Range3:3000~26500MHz



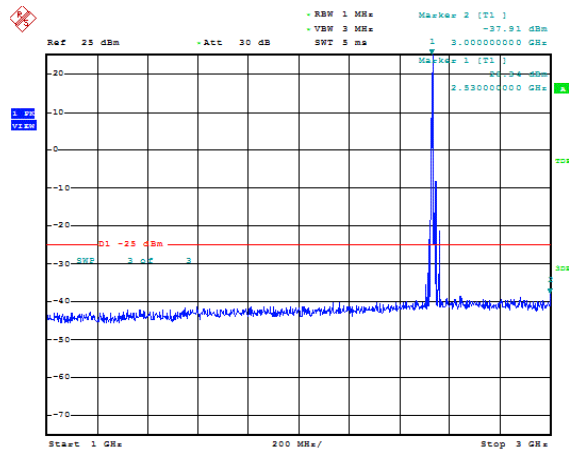
Date: 29.OCT.2020 16:34:58

Band7-15MHz-QPSK-21100-1RB#0-Range1:30~1000MHz



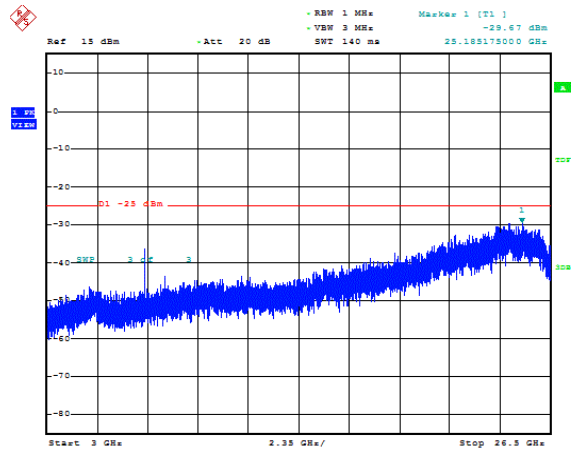
Date: 29.OCT.2020 16:35:34

Band7-15MHz-QPSK-21100-1RB#0-Range2:1000~3000MHz



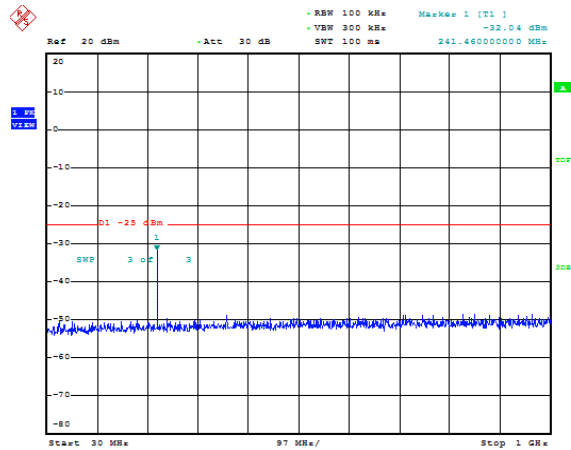
Date: 29.OCT.2020 16:35:42

Band7-15MHz-QPSK-21100-1RB#0-Range3:3000~26500MHz



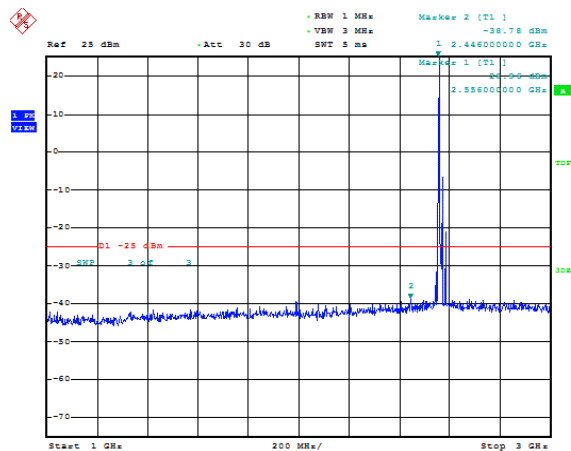
Date: 29.OCT.2020 16:35:50

Band7-15MHz-QPSK-21375-1RB#0-Range1:30~1000MHz



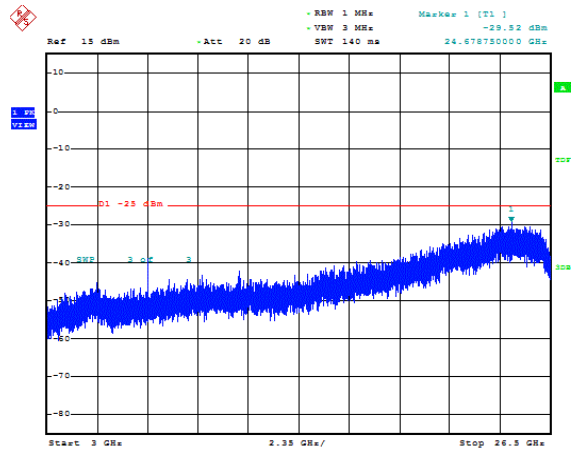
Date: 29.OCT.2020 16:36:26

Band7-15MHz-QPSK-21375-1RB#0-Range2:1000~3000MHz



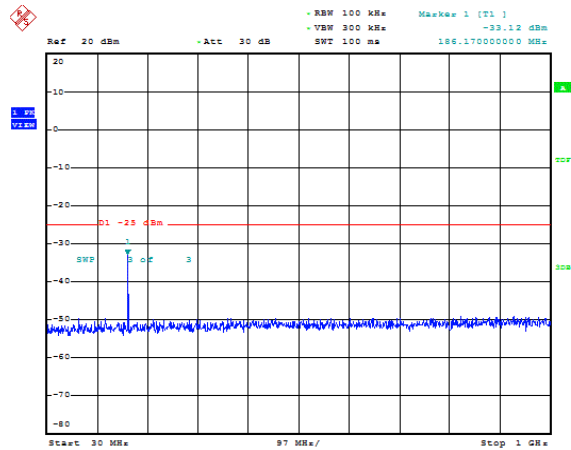
Date: 29.OCT.2020 16:36:34

Band7-15MHz-QPSK-21375-1RB#0-Range3:3000~26500MHz



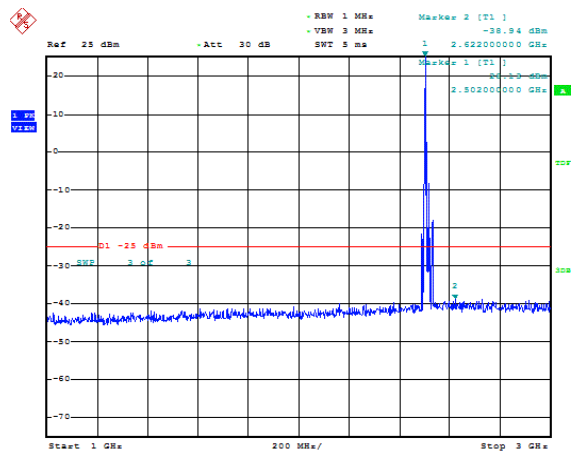
Date: 29.OCT.2020 16:36:42

Band7-15MHz-16QAM-20825-1RB#0-Range1:30~1000MHz



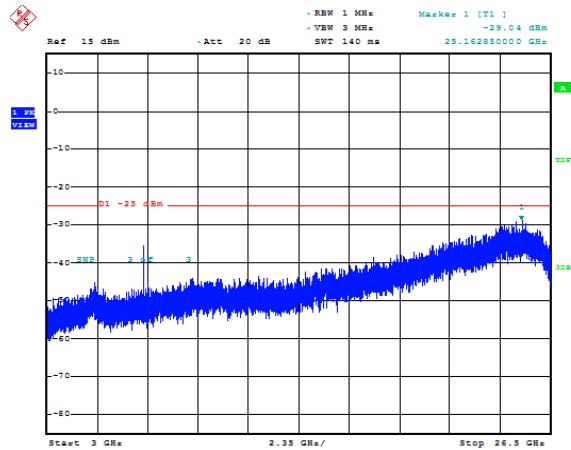
Date: 29.OCT.2020 16:35:06

Band7-15MHz-16QAM-20825-1RB#0-Range2:1000~3000MHz



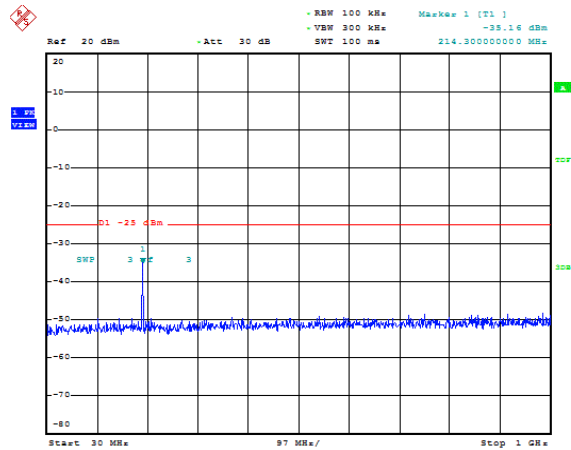
Date: 29.OCT.2020 16:35:15

Band7-15MHz-16QAM-20825-1RB#0-Range3:3000~26500MHz



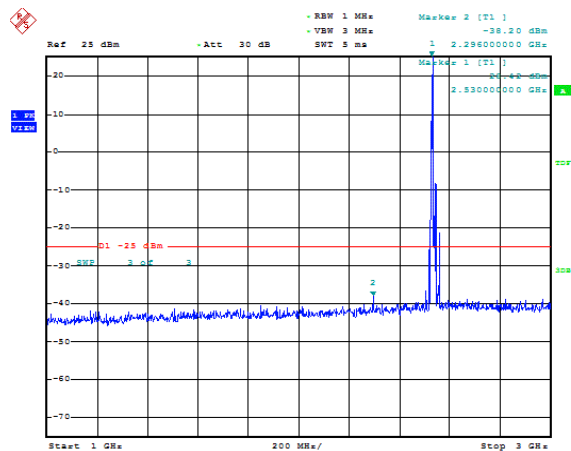
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Band7-15MHz-16QAM-21100-1RB#0-Range1:30~1000MHz



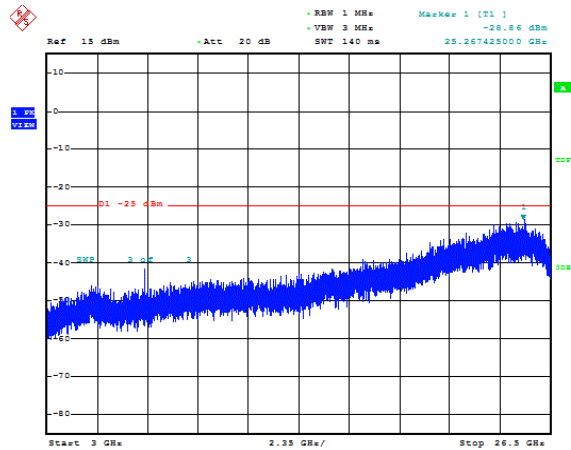
Date: 29.OCT.2020 16:35:59

Band7-15MHz-16QAM-21100-1RB#0-Range2:1000~3000MHz



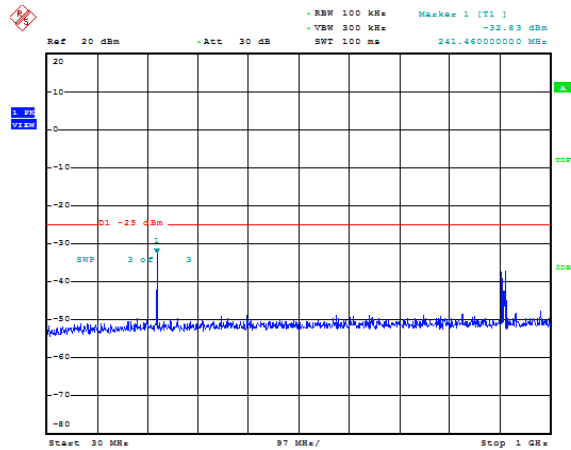
Date: 29.OCT.2020 16:36:07

Band7-15MHz-16QAM-21100-1RB#0-Range3:3000~26500MHz



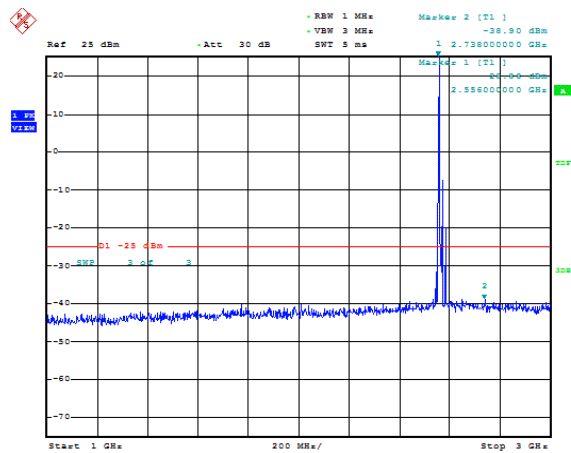
Date: 29.OCT.2020 16:36:15

Band7-15MHz-16QAM-21375-1RB#0-Range1:30~1000MHz



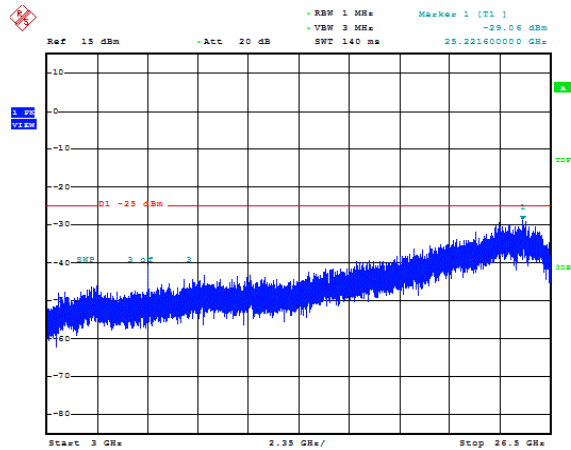
Date: 29.OCT.2020 16:36:51

Band7-15MHz-16QAM-21375-1RB#0-Range2:1000~3000MHz



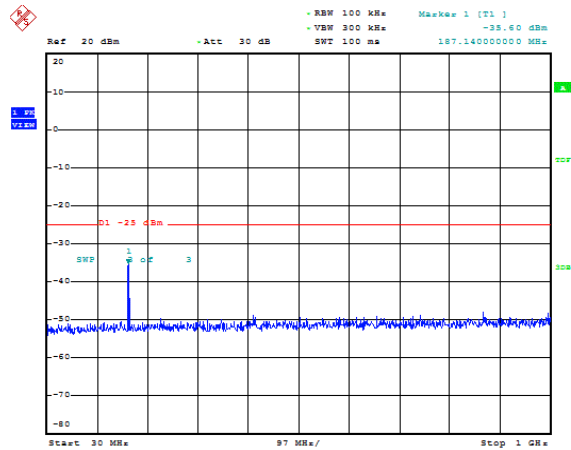
Date: 29.OCT.2020 16:36:59

Band7-15MHz-16QAM-21375-1RB#0-Range3:3000~26500MHz



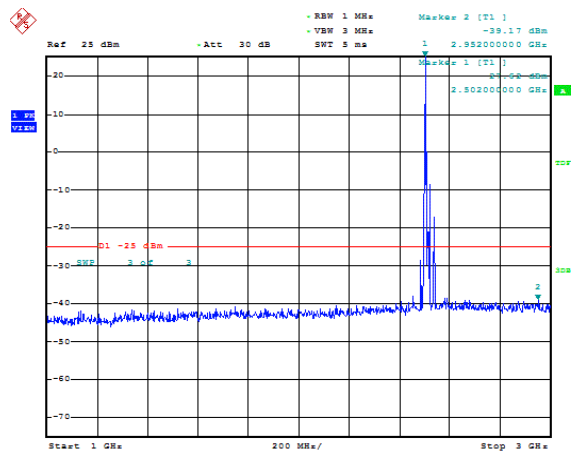
Date: 29.OCT.2020 16:37:07

Band7-20MHz-QPSK-20850-1RB#0-Range1:30~1000MHz



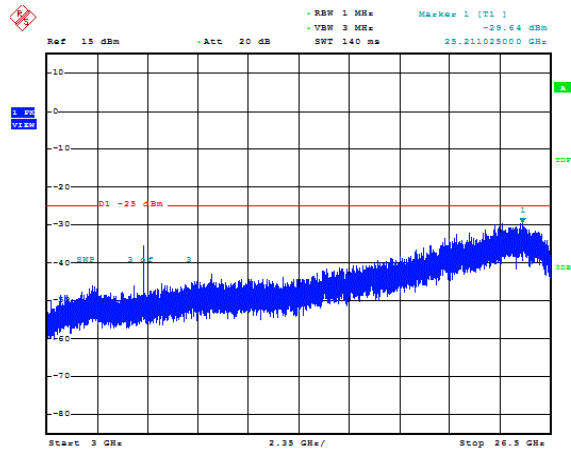
Date: 29.OCT.2020 16:58:11

Band7-20MHz-QPSK-20850-1RB#0-Range2:1000~3000MHz



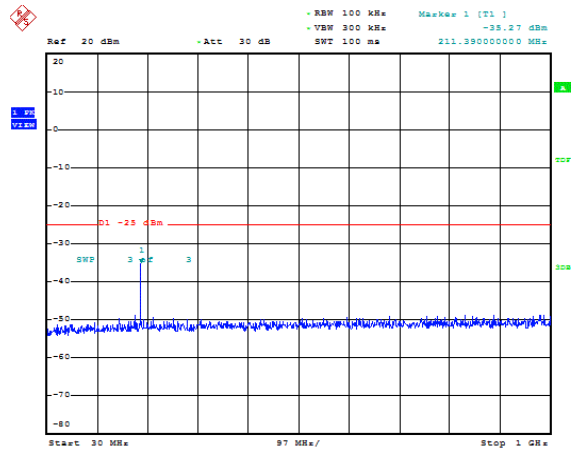
Date: 29.OCT.2020 16:58:19

Band7-20MHz-QPSK-20850-1RB#0-Range3:3000~26500MHz



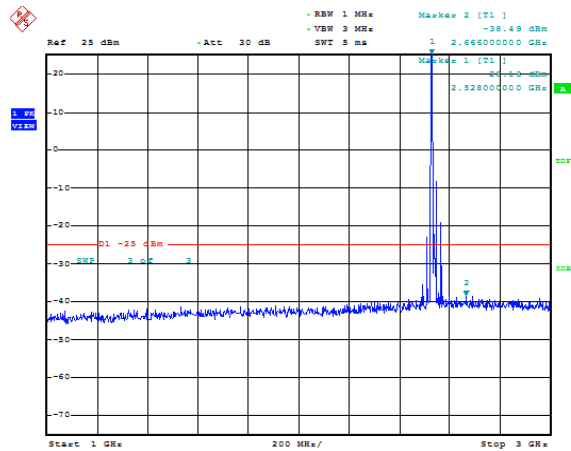
Date: 29.OCT.2020 16:58:27

Band7-20MHz-QPSK-21100-1RB#0-Range1:30~1000MHz



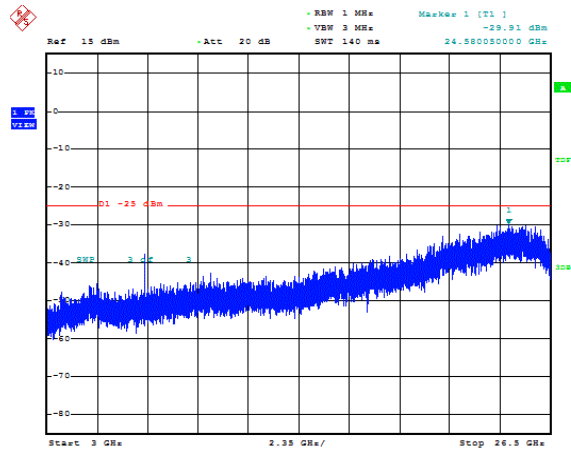
Date: 29.OCT.2020 16:59:03

Band7-20MHz-QPSK-21100-1RB#0-Range2:1000~3000MHz



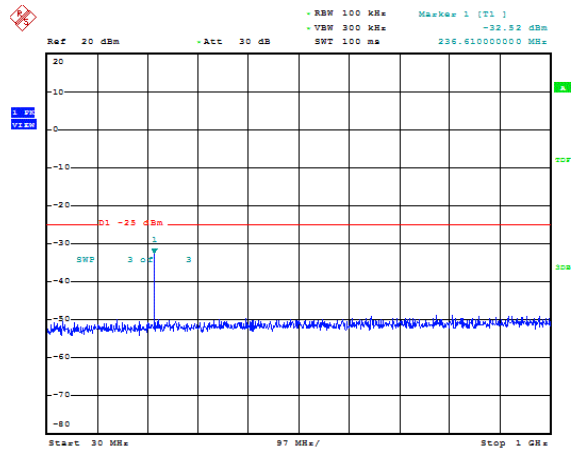
Date: 29.OCT.2020 16:59:11

Band7-20MHz-QPSK-21100-1RB#0-Range3:3000~26500MHz



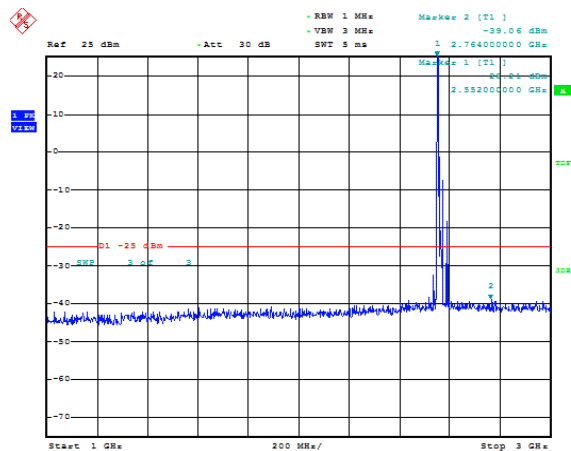
Date: 29.OCT.2020 16:59:19

Band7-20MHz-QPSK-21350-1RB#0-Range1:30~1000MHz



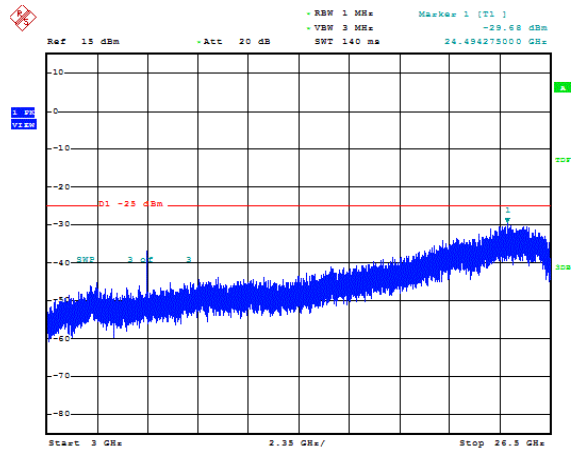
Date: 29.OCT.2020 16:59:55

Band7-20MHz-QPSK-21350-1RB#0-Range2:1000~3000MHz



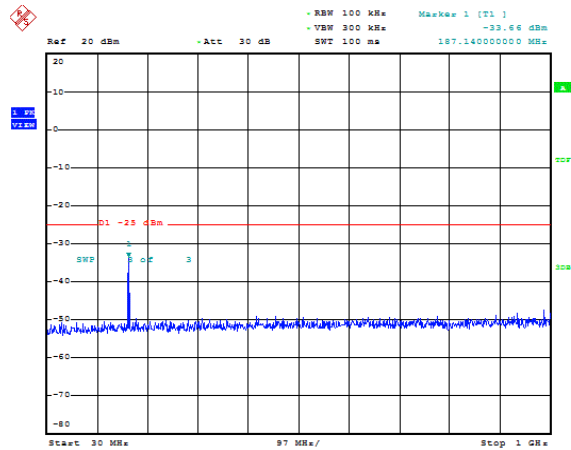
Date: 29.OCT.2020 17:00:03

Band7-20MHz-QPSK-21350-1RB#0-Range3:3000~26500MHz



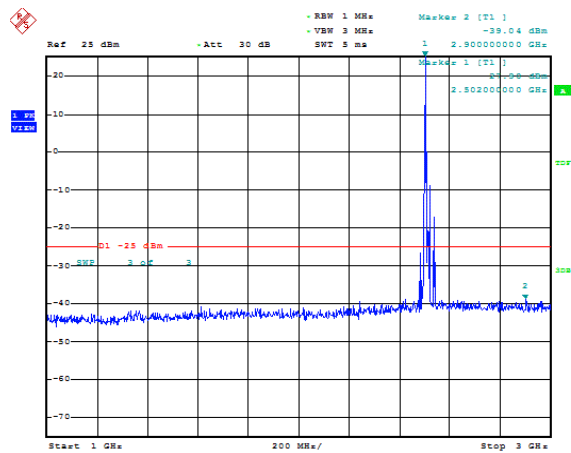
Date: 29.OCT.2020 17:00:11

Band7-20MHz-16QAM-20850-1RB#0-Range1:30~1000MHz



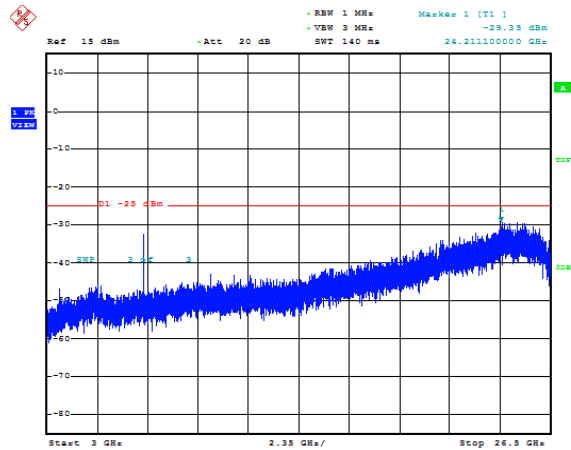
Date: 29.OCT.2020 16:58:36

Band7-20MHz-16QAM-20850-1RB#0-Range2:1000~3000MHz



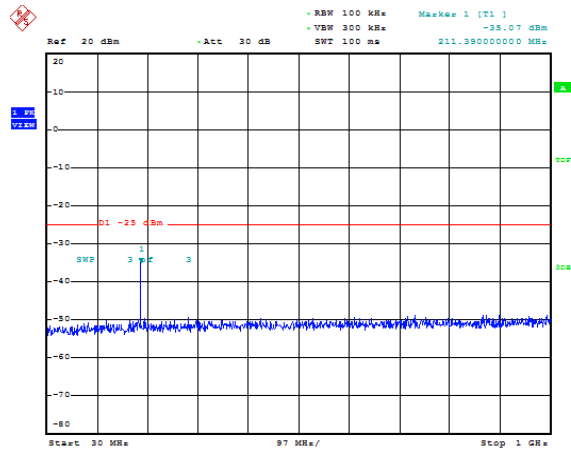
Date: 29.OCT.2020 16:58:44

Band7-20MHz-16QAM-20850-1RB#0-Range3:3000~26500MHz



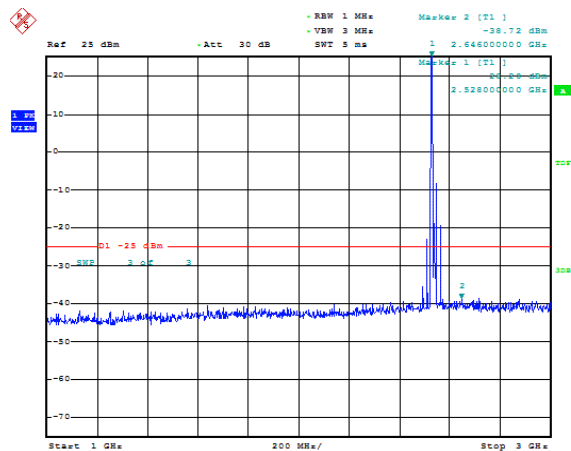
Date: 29.OCT.2020 16:58:52

Band7-20MHz-16QAM-21100-1RB#0-Range1:30~1000MHz



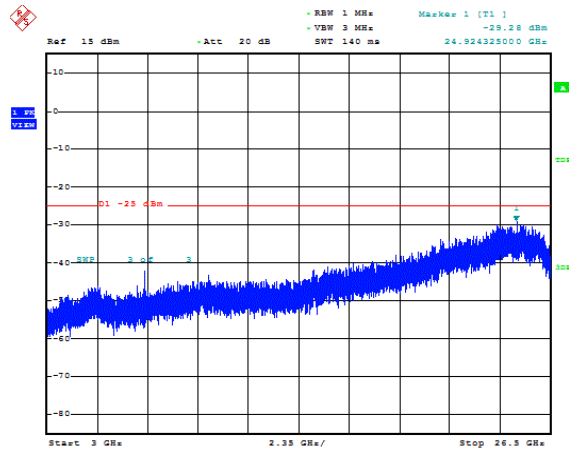
Date: 29.OCT.2020 16:59:28

Band7-20MHz-16QAM-21100-1RB#0-Range2:1000~3000MHz



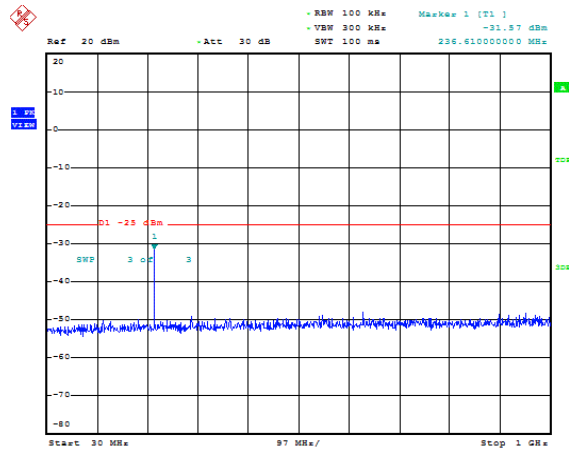
Date: 29.OCT.2020 16:59:36

Band7-20MHz-16QAM-21100-1RB#0-Range3:3000~26500MHz



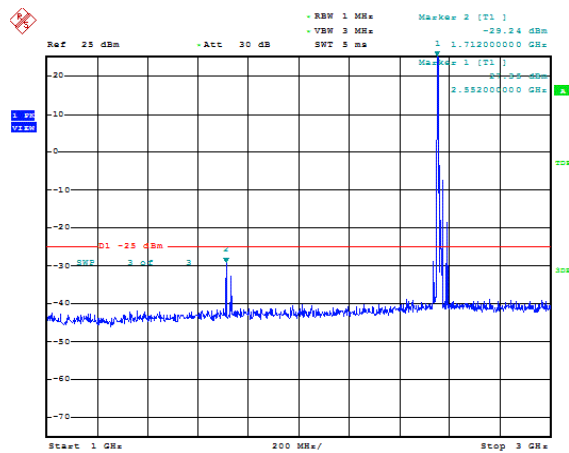
Date: 29.OCT.2020 16:59:46

Band7-20MHz-16QAM-21350-1RB#0-Range1:30~1000MHz



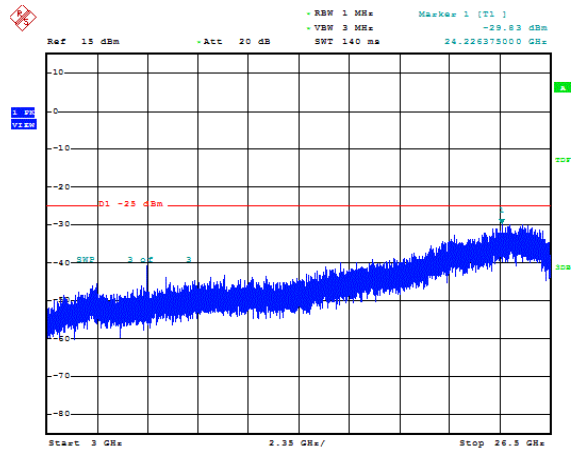
Date: 29.OCT.2020 17:00:20

Band7-20MHz-16QAM-21350-1RB#0-Range2:1000~3000MHz



Date: 29.OCT.2020 17:00:28

Band7-20MHz-16QAM-21350-1RB#0-Range3:3000~26500MHz



Date: 29.OCT.2020 17:00:26

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
Band7	5MHz	QPSK	20775	25RB#0	VL	NT	6.02	0.002406	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	VN	NT	6.64	0.002653	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	VH	NT	9.11	0.003640	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VL	NT	-8.65	-0.003412	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VN	NT	-7.40	-0.002919	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VH	NT	-7.31	-0.002884	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VL	NT	-4.62	-0.001799	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VN	NT	6.07	0.002364	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VH	NT	-3.36	-0.001309	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VL	NT	5.69	0.002274	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VN	NT	6.44	0.002573	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VH	NT	5.28	0.002110	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VL	NT	-1.80	-0.000710	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VN	NT	-4.22	-0.001665	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VH	NT	-6.11	-0.002410	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VL	NT	4.31	0.001679	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VN	NT	-2.68	-0.001044	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VH	NT	-2.85	-0.001110	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VL	NT	-5.78	-0.002307	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VN	NT	-3.98	-0.001589	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VH	NT	-4.99	-0.001992	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VL	NT	-2.95	-0.001164	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VN	NT	-6.85	-0.002702	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VH	NT	-7.62	-0.003006	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VL	NT	-5.14	-0.002004	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VN	NT	-6.51	-0.002538	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VH	NT	-7.20	-0.002807	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VL	NT	3.36	0.001341	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VN	NT	-7.21	-0.002878	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VH	NT	-5.51	-0.002200	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VL	NT	-6.84	-0.002698	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VN	NT	-5.08	-0.002004	±2.5	PASS

Band7	10MHz	16QAM	21100	50RB#0	VH	NT	-6.12	-0.002414	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VL	NT	-7.45	-0.002904	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VN	NT	-5.52	-0.002152	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VH	NT	-3.13	-0.001220	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VL	NT	-6.64	-0.002648	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VN	NT	-7.00	-0.002792	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VH	NT	3.50	0.001396	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VL	NT	-6.92	-0.002730	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VN	NT	-7.21	-0.002844	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VH	NT	-7.32	-0.002888	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VL	NT	7.94	0.003099	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VN	NT	5.61	0.002189	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VH	NT	8.54	0.003333	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VL	NT	-5.32	-0.002122	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VN	NT	-3.28	-0.001308	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VH	NT	2.82	0.001125	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VL	NT	7.07	0.002789	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VN	NT	-9.18	-0.003621	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VH	NT	-3.93	-0.001550	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VL	NT	6.29	0.002455	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VN	NT	4.72	0.001842	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VH	NT	4.25	0.001659	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VL	NT	7.54	0.003004	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VN	NT	6.91	0.002753	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VH	NT	4.65	0.001853	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	-6.91	-0.002726	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	-10.33	-0.004075	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	-7.38	-0.002911	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VL	NT	-5.82	-0.002273	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VN	NT	4.35	0.001699	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VH	NT	-4.63	-0.001809	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VL	NT	6.47	0.002578	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VN	NT	7.65	0.003048	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VH	NT	6.82	0.002717	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VL	NT	-5.98	-0.002359	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VN	NT	-6.28	-0.002477	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VH	NT	-9.11	-0.003594	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VL	NT	-5.59	-0.002184	±2.5	PASS

Band7	20MHz	16QAM	21350	100RB#0	VN	NT	5.41	0.002113	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VH	NT	-5.75	-0.002246	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	NV	-10	3.91	0.001562	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	0	2.82	0.001127	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	10	6.91	0.002761	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	20	5.41	0.002162	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	30	2.30	0.000919	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	40	3.05	0.001219	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	50	5.56	0.002222	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-10	-4.62	-0.001822	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	0	-5.95	-0.002347	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	10	-5.28	-0.002083	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	20	-7.80	-0.003077	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	30	-5.51	-0.002174	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	40	-2.47	-0.000974	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	50	-3.98	-0.001570	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-10	-2.78	-0.001083	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	0	4.76	0.001854	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	10	-2.99	-0.001165	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	20	3.88	0.001511	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	30	-3.71	-0.001445	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	40	-2.99	-0.001165	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	50	4.39	0.001710	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-10	4.88	0.001950	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	0	4.61	0.001842	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	10	2.09	0.000835	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	20	1.70	0.000679	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	30	2.59	0.001035	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	40	-2.82	-0.001127	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	50	6.22	0.002486	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-10	-4.55	-0.001795	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	0	-6.92	-0.002730	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	10	-7.21	-0.002844	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	20	-8.71	-0.003436	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	30	-7.30	-0.002880	±2.5	PASS

Band7	5MHz	16QAM	21100	25RB#0	NV	40	-5.55	-0.002189	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	50	-7.68	-0.003030	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-10	-3.26	-0.001270	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	0	3.92	0.001527	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	10	4.55	0.001772	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	20	3.35	0.001305	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	30	-4.32	-0.001683	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	40	4.68	0.001823	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	50	-3.78	-0.001472	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-10	-9.66	-0.003856	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	0	-6.68	-0.002667	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	10	-9.16	-0.003657	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	20	-6.54	-0.002611	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	30	-7.07	-0.002822	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	40	-7.18	-0.002866	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	50	-7.55	-0.003014	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-10	-3.72	-0.001467	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	0	-4.21	-0.001661	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	10	-6.51	-0.002568	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	20	-6.68	-0.002635	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	30	-9.61	-0.003791	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	40	-5.45	-0.002150	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	50	-7.52	-0.002966	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-10	-6.18	-0.002409	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	0	-6.67	-0.002600	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	10	-5.89	-0.002296	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	20	-6.97	-0.002717	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	30	-5.99	-0.002335	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	40	-4.98	-0.001942	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	50	-5.19	-0.002023	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	-10	-3.71	-0.001481	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	0	-4.79	-0.001912	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	10	-6.97	-0.002782	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	20	-6.61	-0.002639	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	30	-6.08	-0.002427	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	40	-6.11	-0.002439	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	50	-3.68	-0.001469	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	-10	-4.38	-0.001728	±2.5	PASS

Band7	10MHz	16QAM	21100	50RB#0	NV	0	-10.13	-0.003996	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	10	-3.48	-0.001373	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	20	-5.25	-0.002071	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	30	-7.10	-0.002801	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	40	-4.53	-0.001787	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	50	-6.31	-0.002489	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	-10	-7.28	-0.002838	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	0	-7.87	-0.003068	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	10	4.32	0.001684	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	20	-7.41	-0.002889	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	30	-3.73	-0.001454	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	40	-7.64	-0.002979	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	50	-7.94	-0.003096	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-10	2.39	0.000953	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	0	5.58	0.002225	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	10	-6.25	-0.002493	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	20	6.31	0.002516	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	30	-7.20	-0.002871	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	40	-4.25	-0.001695	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	50	5.11	0.002038	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-10	-5.66	-0.002233	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	0	-8.65	-0.003412	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	10	-6.02	-0.002375	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	20	-6.15	-0.002426	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	30	-10.39	-0.004099	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	40	-7.41	-0.002923	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	50	-3.25	-0.001282	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-10	6.31	0.002462	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	0	6.14	0.002396	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	10	4.95	0.001932	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	20	7.45	0.002907	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	30	3.59	0.001401	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	40	5.21	0.002033	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	50	7.75	0.003024	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	-10	-3.65	-0.001456	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	0	7.62	0.003039	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	10	3.95	0.001575	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	20	4.81	0.001918	±2.5	PASS

Band7	15MHz	16QAM	20825	75RB#0	NV	30	-3.35	-0.001336	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	40	4.79	0.001910	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	50	5.65	0.002253	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	-10	-5.11	-0.002016	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	0	-3.76	-0.001483	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	10	-8.90	-0.003511	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	20	-4.51	-0.001779	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	30	-10.23	-0.004036	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	40	-9.80	-0.003866	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	50	-5.94	-0.002343	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	-10	6.69	0.002611	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	0	-4.75	-0.001854	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	10	7.95	0.003102	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	20	2.19	0.000855	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	30	-6.14	-0.002396	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	40	7.67	0.002993	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	50	4.32	0.001686	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-10	5.97	0.002378	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	0	7.24	0.002884	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	10	4.81	0.001916	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	20	5.04	0.002008	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	30	7.93	0.003159	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	40	4.95	0.001972	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	50	5.69	0.002267	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-10	-8.38	-0.003306	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	-7.81	-0.003081	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	-8.51	-0.003357	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	-6.34	-0.002501	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	30	-7.70	-0.003037	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	40	-7.62	-0.003006	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	50	-8.14	-0.003211	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-10	4.19	0.001637	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	0	4.82	0.001883	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	10	-5.01	-0.001957	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	20	-5.44	-0.002125	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	30	4.51	0.001762	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	40	-4.92	-0.001922	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	50	-5.58	-0.002180	±2.5	PASS

Band7	20MHz	16QAM	20850	100RB#0	NV	-10	7.21	0.002873	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	0	2.49	0.000992	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	10	3.56	0.001418	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	20	5.85	0.002331	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	30	4.95	0.001972	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	40	4.71	0.001876	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	50	4.75	0.001892	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-10	-9.81	-0.003870	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	0	-9.08	-0.003582	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	10	-7.11	-0.002805	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	20	-8.35	-0.003294	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	30	-5.68	-0.002241	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	40	-7.45	-0.002939	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	50	-6.82	-0.002690	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-10	5.29	0.002066	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	0	5.14	0.002008	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	10	4.98	0.001945	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	20	-5.45	-0.002129	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	30	6.45	0.002520	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	40	3.85	0.001504	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	50	-6.49	-0.002535	±2.5	PASS

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