



Appendix B

E-UTRA BAND 4

CONTENT

1.	EFFECTIVE (ISOTROPIC) RADIATED POWER	3
1.1.	<i>Test Result</i>	3
2.	PEAK-TO-AVERAGE RATIO(CCDF).....	10
2.1.	<i>Test Result</i>	10
2.2.	<i>Test Plots</i>	10
3.	MODULATION CHARACTERISTICS	13
3.1.	<i>Test BAND = LTE BAND4</i>	13
3.1.1.	<i>Test Mode = LTE /TM1 20MHz</i>	13
3.1.1.1.	<i>Test Channel = MCH</i>	13
3.1.2.	<i>Test Mode = LTE /TM2 20MHz</i>	14
3.1.2.1.	<i>Test Channel = MCH</i>	14
4.	26dB BANDWIDTH AND OCCUPIED BANDWIDTH	15
4.1.	<i>Test Result</i>	15
4.2.	<i>Test Plots</i>	16
5.	BAND EDGE COMPLIANCE.....	29
5.1.	<i>Test Plots</i>	29
6.	SPURIOUS EMISSION AT ANTENNA TERMINAL.....	46
6.1.	<i>Test Plots</i>	46
7.	FIELD STRENGTH OF SPURIOUS RADIATION.....	51
7.1.	<i>Test BAND = LTE BAND 4</i>	51
7.1.1.	<i>Test Mode =LTE/TM1 20MHz</i>	51
7.1.1.1.	<i>Test Channel = LCH</i>	51
7.1.1.2.	<i>Test Channel = MCH</i>	51
7.1.1.3.	<i>Test Channel = HCH</i>	52
8.	FREQUENCY STABILITY.....	53
8.1.	<i>Frequency Vs Voltage</i>	53
8.2.	<i>Frequency Vs Temperature</i>	53

1. Effective (Isotropic) Radiated Power

1.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	23.32	22.46	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	23.48	22.62	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.33	22.47	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	23.35	22.49	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	23.42	22.56	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	23.40	22.54	30.00	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.47	21.61	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.31	22.45	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.45	22.59	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.17	22.31	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	23.06	22.20	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	23.12	22.26	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.91	22.05	30.00	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.05	21.19	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.20	22.34	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.34	22.48	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.19	22.33	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	23.26	22.40	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	23.31	22.45	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	23.26	22.40	30.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.29	21.43	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.45	21.59	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.66	21.80	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.45	21.59	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	22.49	21.63	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	22.48	21.62	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	22.40	21.54	30.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.48	20.62	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.51	21.65	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.42	21.56	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.17	21.31	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	22.18	21.32	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	22.14	21.28	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	22.04	21.18	30.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.45	20.59	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.33	21.47	30.00	PASS



Band4	1.4MHz	16QAM	20393	1RB#2	22.58	21.72	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.37	21.51	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	22.30	21.44	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	22.32	21.46	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	22.35	21.49	30.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.31	20.45	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.36	22.50	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.34	22.48	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.33	22.47	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#0	22.37	21.51	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#4	22.39	21.53	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#7	22.35	21.49	30.00	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.39	21.53	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.34	22.48	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.35	22.49	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.30	22.44	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#0	22.32	21.46	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#4	22.39	21.53	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#7	22.33	21.47	30.00	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.36	21.50	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.21	22.35	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.19	22.33	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.17	22.31	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#0	22.22	21.36	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#4	22.22	21.36	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#7	22.19	21.33	30.00	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.21	21.35	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.56	21.70	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.44	21.58	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.47	21.61	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#0	21.39	20.53	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.41	20.55	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#7	21.38	20.52	30.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.33	20.47	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.66	21.80	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.52	21.66	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.46	21.60	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.38	20.52	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.42	20.56	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#7	21.36	20.50	30.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.32	20.46	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.38	21.52	30.00	PASS



Band4	3MHz	16QAM	20385	1RB#8	22.32	21.46	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.48	21.62	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#0	21.24	20.38	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#4	21.21	20.35	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#7	21.21	20.35	30.00	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.15	20.29	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.25	22.39	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.47	22.61	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.19	22.33	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#0	22.32	21.46	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#6	22.35	21.49	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#13	22.28	21.42	30.00	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.36	21.50	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.24	22.38	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.40	22.54	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.98	22.12	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#0	22.02	21.16	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#6	22.28	21.42	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#13	22.26	21.40	30.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.31	21.45	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.08	22.22	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.28	22.42	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.09	22.23	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#0	22.18	21.32	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#6	22.25	21.39	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#13	22.19	21.33	30.00	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.24	21.38	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.49	21.63	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.68	21.82	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.30	21.44	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#0	21.33	20.47	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#6	21.35	20.49	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#13	21.32	20.46	30.00	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.30	20.44	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.47	21.61	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.51	21.65	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.17	21.31	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#0	21.30	20.44	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#6	21.35	20.49	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#13	21.28	20.42	30.00	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.30	20.44	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.23	21.37	30.00	PASS



Band4	5MHz	16QAM	20375	1RB#12	22.44	21.58	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.34	21.48	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#0	21.21	20.35	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#6	21.24	20.38	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#13	21.22	20.36	30.00	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.20	20.34	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	23.35	22.49	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#24	23.46	22.60	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.33	22.47	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#0	22.53	21.67	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#12	22.47	21.61	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#25	22.45	21.59	30.00	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.50	21.64	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.35	22.49	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.44	22.58	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.16	22.30	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#0	22.25	21.39	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#12	22.40	21.54	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#25	22.36	21.50	30.00	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.44	21.58	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.19	22.33	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.34	22.48	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.18	22.32	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#0	22.32	21.46	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#12	22.32	21.46	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#25	22.33	21.47	30.00	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.33	21.47	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.55	21.69	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.58	21.72	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.50	21.64	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#0	21.47	20.61	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#12	21.39	20.53	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#25	21.43	20.57	30.00	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.44	20.58	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.61	21.75	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.58	21.72	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.30	21.44	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#0	21.38	20.52	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#12	21.37	20.51	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#25	21.42	20.56	30.00	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.43	20.57	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.42	21.56	30.00	PASS



Band4	10MHz	16QAM	20350	1RB#24	22.61	21.75	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.46	21.60	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#0	21.25	20.39	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#12	21.27	20.41	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#25	21.28	20.42	30.00	PASS
Band4	10MHz	16QAM	20350	50RB#0	21.27	20.41	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	23.29	22.43	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.37	22.51	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.29	22.43	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#0	22.42	21.56	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#18	22.47	21.61	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#39	22.46	21.60	30.00	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.49	21.63	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.29	22.43	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.30	22.44	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.96	22.10	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#0	22.16	21.30	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#18	22.36	21.50	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#39	22.43	21.57	30.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.44	21.58	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.21	22.35	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.11	22.25	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.15	22.29	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#0	22.25	21.39	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#18	22.31	21.45	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#39	22.30	21.44	30.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.30	21.44	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.53	21.67	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.60	21.74	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.49	21.63	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#0	21.47	20.61	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#18	21.46	20.60	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#39	21.44	20.58	30.00	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.44	20.58	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.50	21.64	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.33	21.47	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.09	21.23	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#0	21.34	20.48	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#18	21.34	20.48	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#39	21.49	20.63	30.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.35	20.49	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.29	21.43	30.00	PASS



Band4	15MHz	16QAM	20325	1RB#38	22.48	21.62	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.41	21.55	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#0	21.25	20.39	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#18	21.31	20.45	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#39	21.30	20.44	30.00	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.27	20.41	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.08	22.22	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.38	22.52	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.80	21.94	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#0	22.03	21.17	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#25	22.38	21.52	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#50	22.29	21.43	30.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.11	21.25	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.06	22.20	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.98	22.12	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.49	21.63	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.91	21.05	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.98	21.12	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#50	22.31	21.45	30.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.20	21.34	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.03	22.17	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.88	22.02	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.84	21.98	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.98	21.12	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#25	22.33	21.47	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#50	22.37	21.51	30.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.30	21.44	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.25	21.39	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.56	21.70	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.96	21.10	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#0	21.21	20.35	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#25	21.39	20.53	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#50	21.17	20.31	30.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.24	20.38	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.90	21.04	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.19	21.33	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.76	20.90	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.96	20.10	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#25	21.14	20.28	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#50	21.27	20.41	30.00	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.20	20.34	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.73	20.87	30.00	PASS

Band4	20MHz	16QAM	20300	1RB#49	22.50	21.64	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.75	20.89	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#0	21.20	20.34	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#25	21.27	20.41	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#50	21.30	20.44	30.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	21.27	20.41	30.00	PASS

Remark:

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

$$ERP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBd]$$

$$EIRP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBi]$$

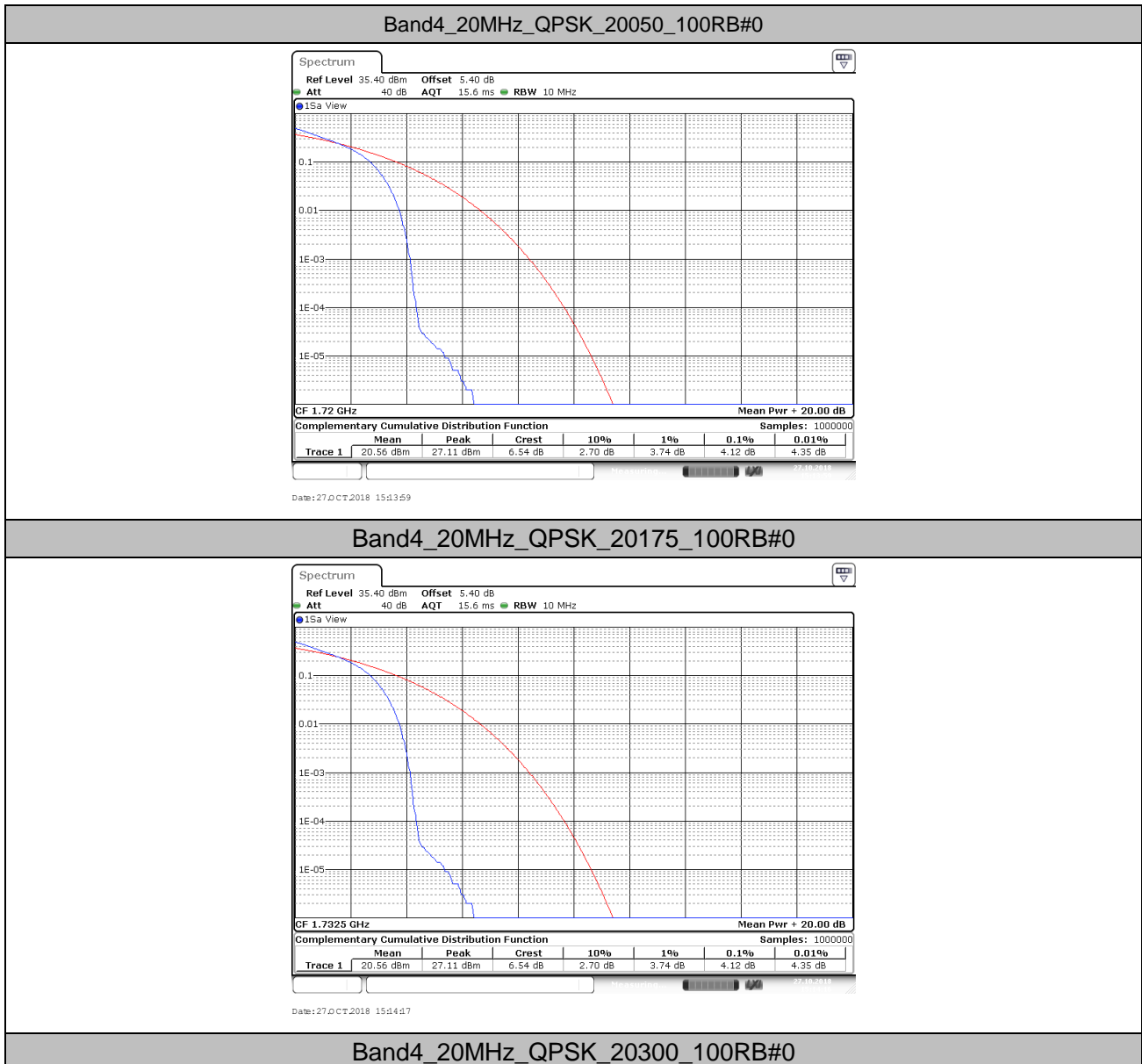
b: SGP=Signal Generator Level

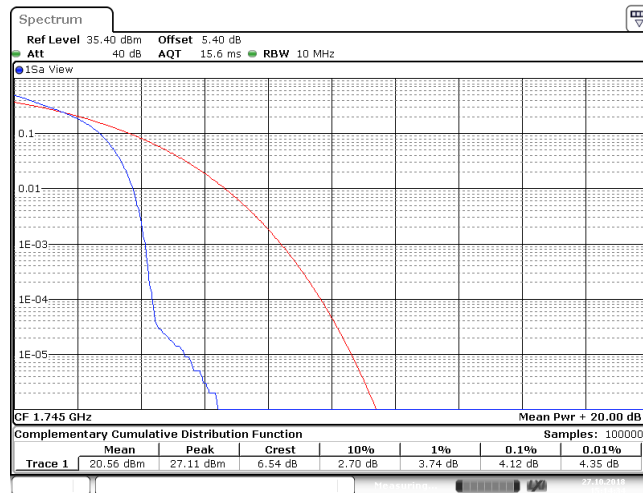
2. Peak-to-Average Ratio(CCDF)

2.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	4.12	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	4.12	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.12	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	4.12	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	4.12	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	4.12	13	PASS

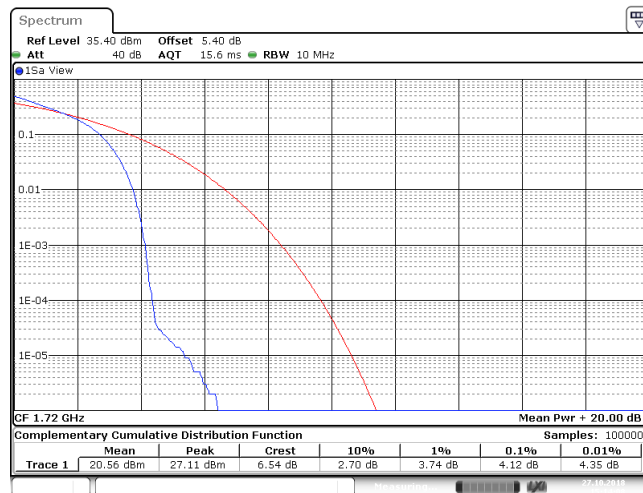
2.2. Test Plots





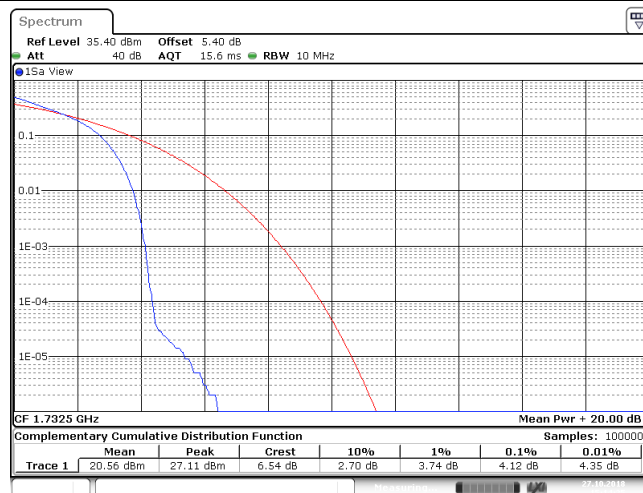
Date: 27.OCT.2018 15:44:35

Band4_20MHz_16QAM_20050_100RB#0



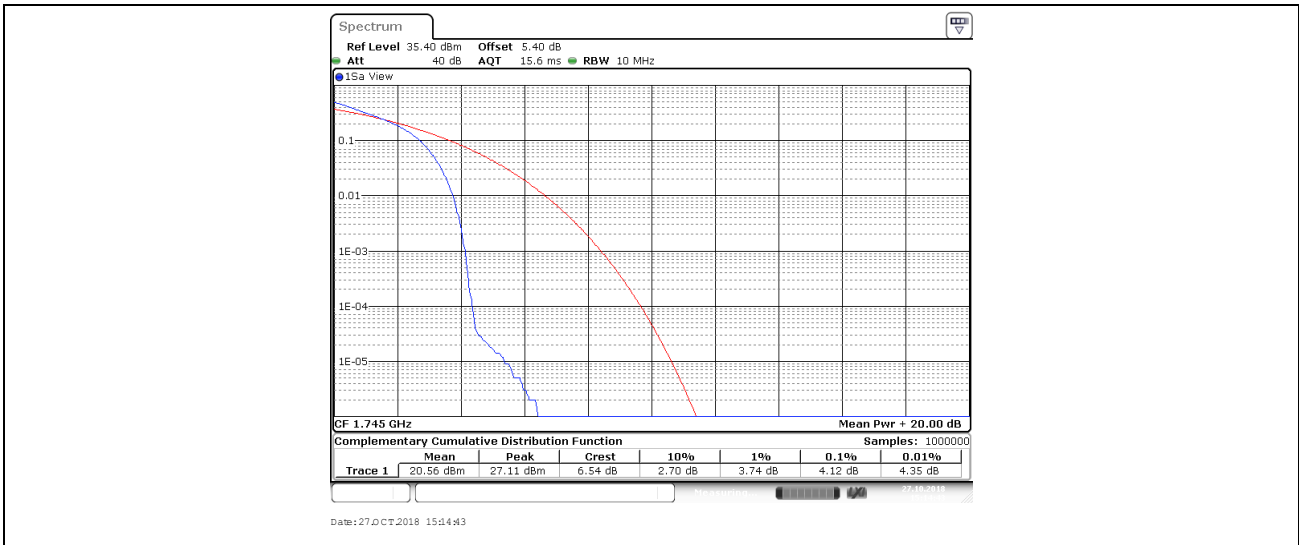
Date: 27.OCT.2018 15:44:08

Band4_20MHz_16QAM_20175_100RB#0



Date: 27.OCT.2018 15:44:26

Band4_20MHz_16QAM_20300_100RB#0

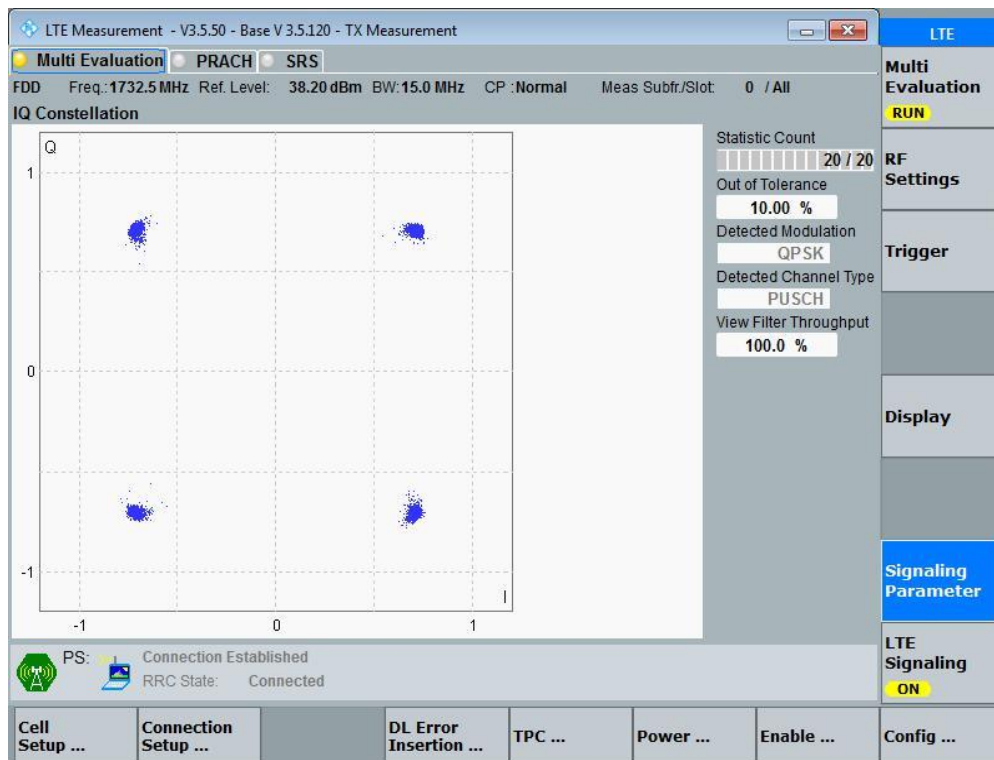


3. Modulation Characteristics

3.1. Test BAND = LTE BAND4

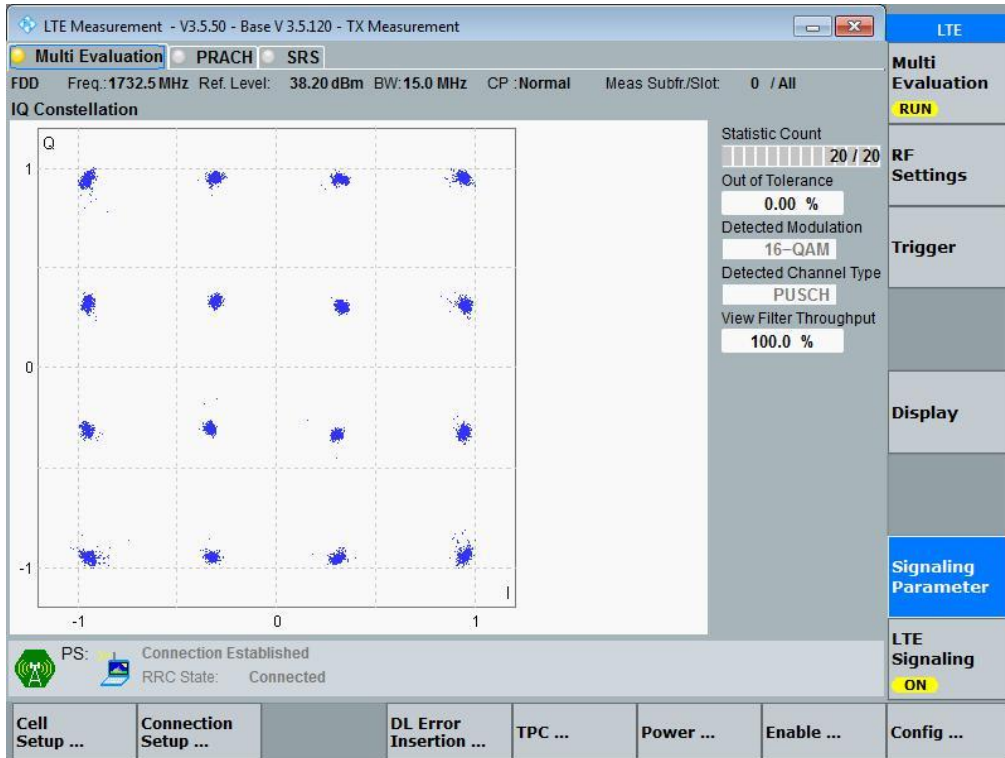
3.1.1. Test Mode = LTE /TM1 20MHz

3.1.1.1. Test Channel = MCH



3.1.2. Test Mode = LTE /TM2 20MHz

3.1.2.1. Test Channel = MCH



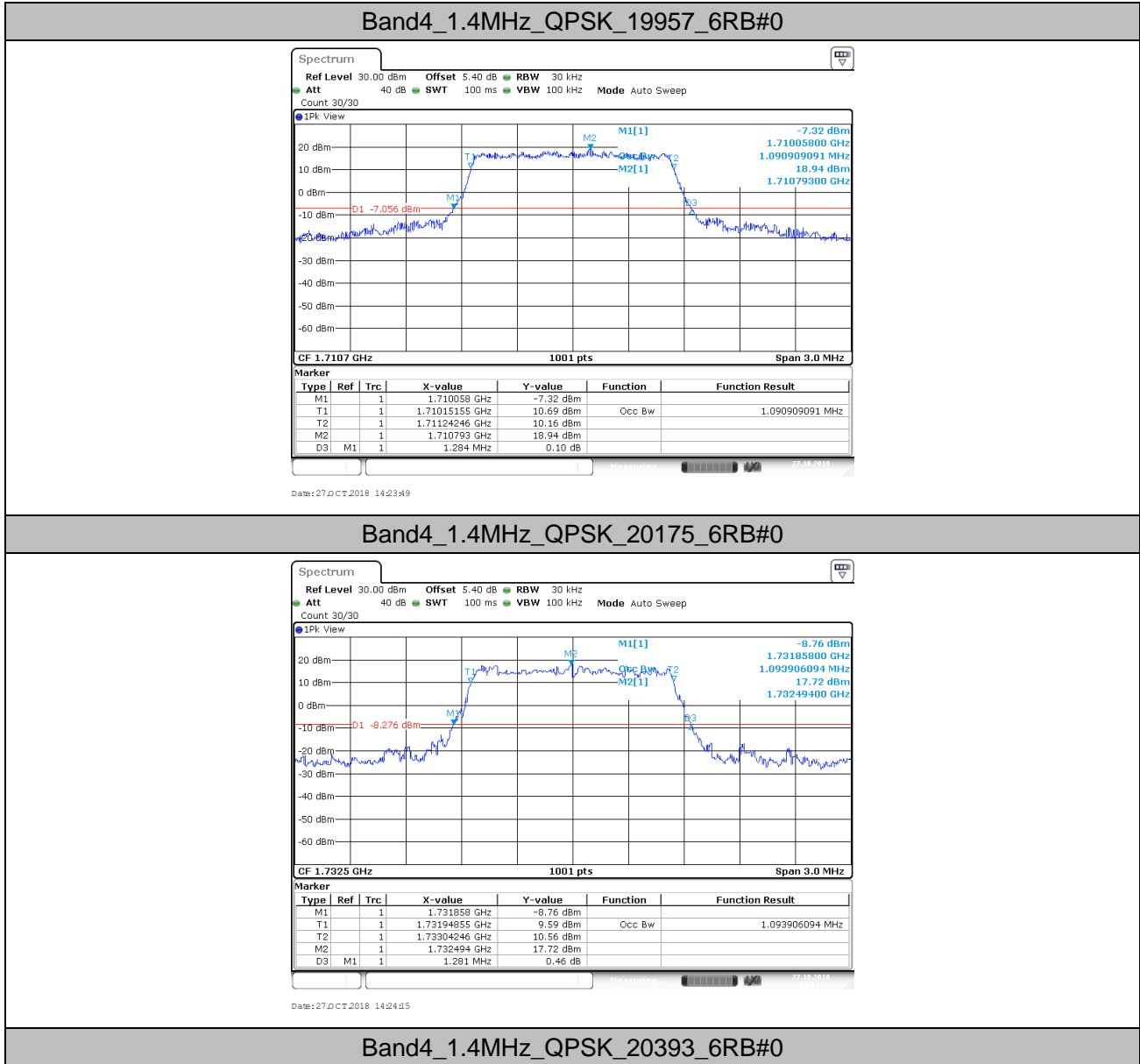
4. 26dB Bandwidth and Occupied Bandwidth

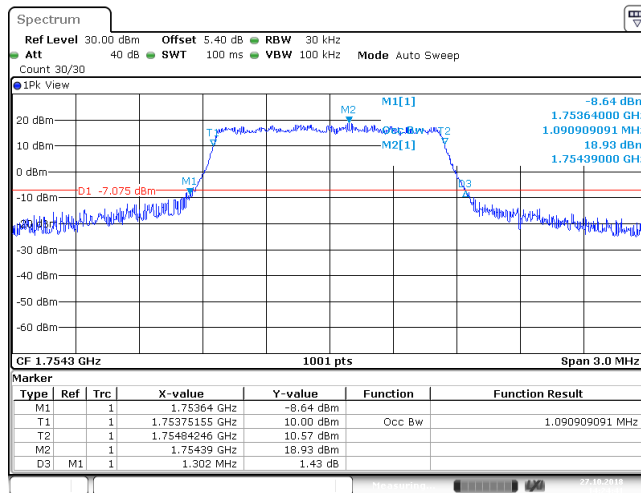
4.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.091	1.284	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.094	1.281	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.091	1.302	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.091	1.302	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.079	1.293	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.091	1.296	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.691	2.928	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.691	2.922	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.691	3.252	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.679	2.898	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.679	2.898	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.679	2.892	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.476	5.070	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.476	5.160	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.476	5.040	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.486	5.090	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.486	5.550	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.486	5.080	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.951	9.920	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.951	9.860	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.931	9.880	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.951	9.860	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.951	9.920	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.951	10.000	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.487	14.970	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.516	16.590	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.487	15.090	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.516	14.970	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.487	15.030	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.487	15.060	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.902	19.680	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.902	19.720	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.902	19.600	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.942	19.560	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.942	19.800	PASS

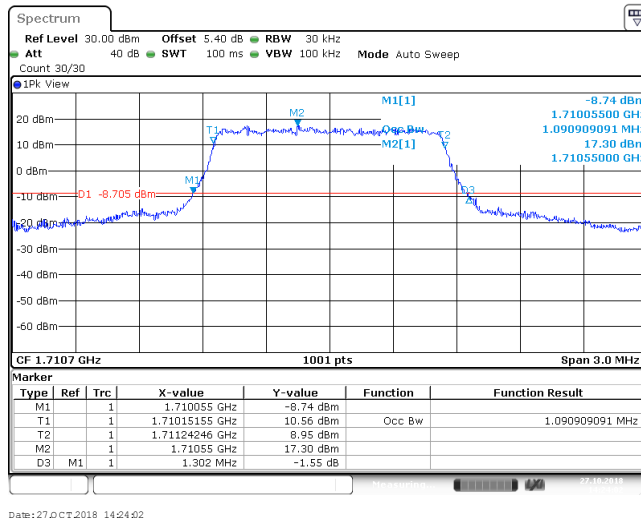
Band4	20MHz	16QAM	20300	100RB#0	17.942	19.720	PASS
-------	-------	-------	-------	---------	--------	--------	------

4.2. Test Plots

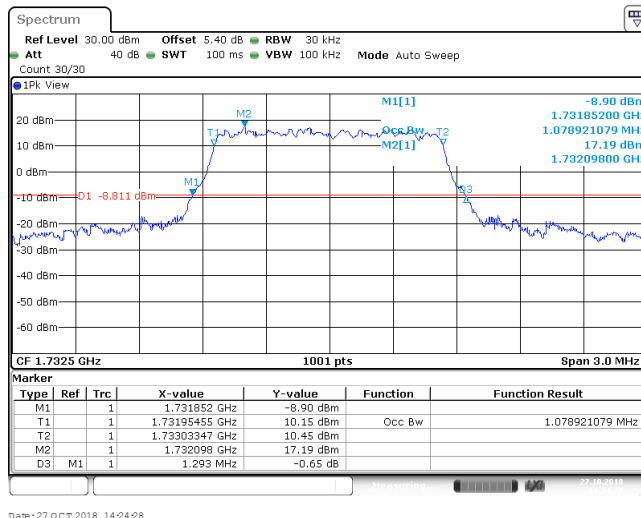




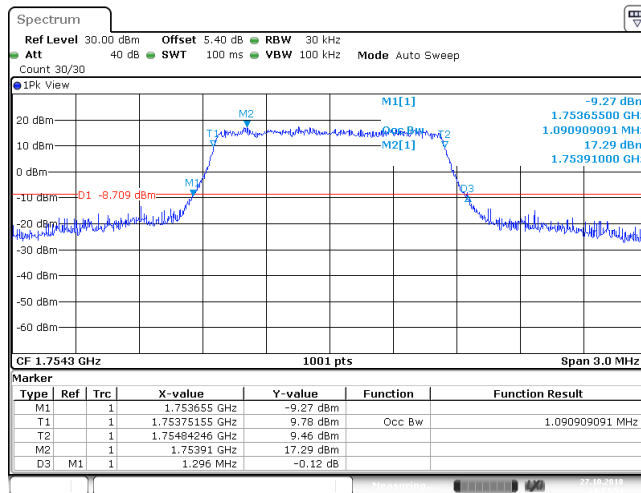
Band4_1.4MHz_16QAM_19957_6RB#0



Band4_1.4MHz_16QAM_20175_6RB#0

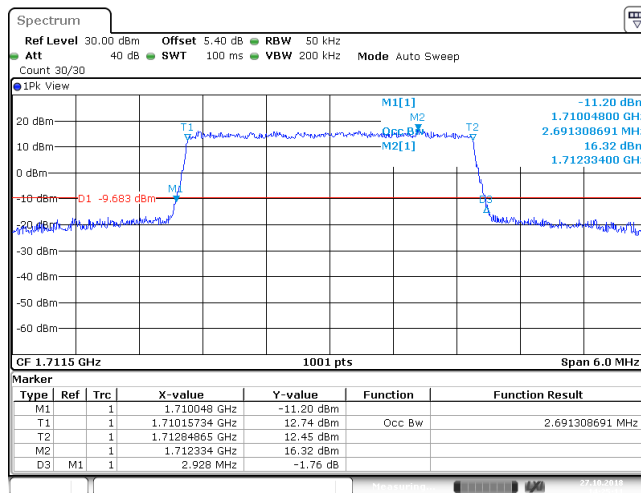


Band4_1.4MHz_16QAM_20393_6RB#0



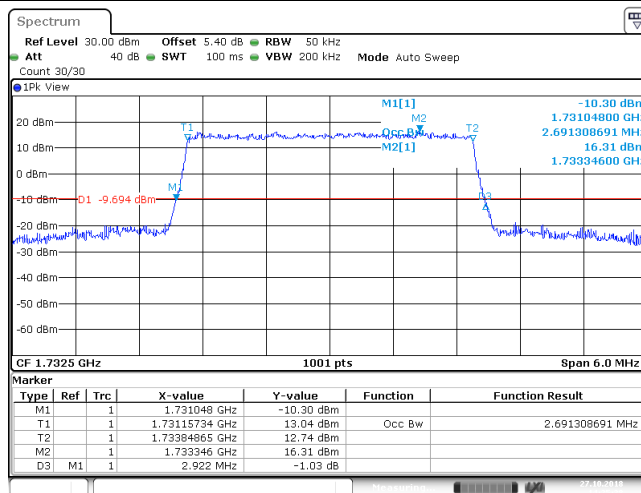
Date: 27/OCT/2018 14:24:54

Band4_3MHz_QPSK_19965_15RB#0



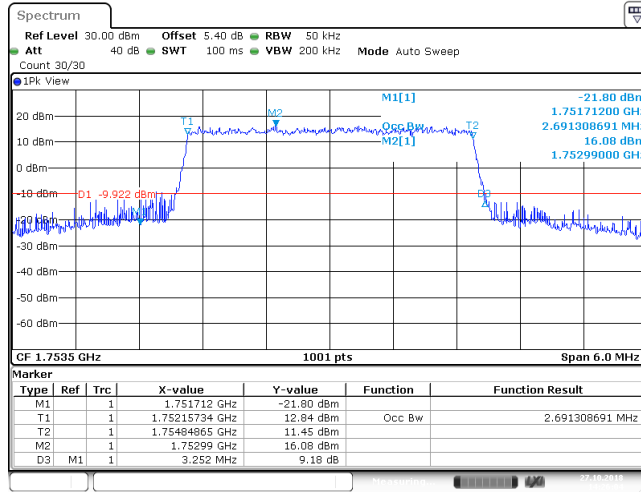
Date: 27/OCT/2018 14:25:12

Band4_3MHz_QPSK_20175_15RB#0



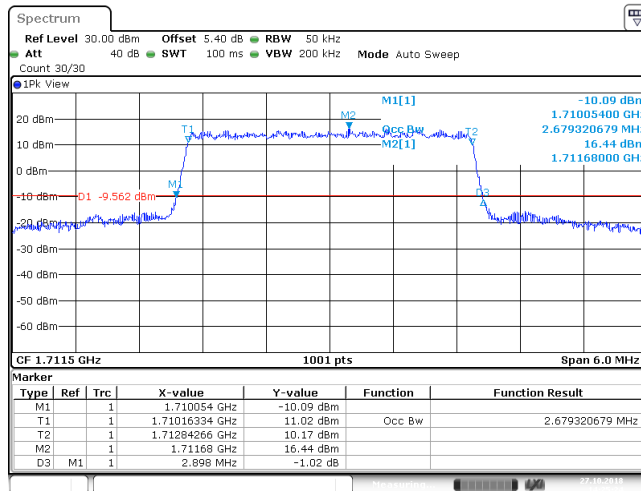
Date: 27/OCT/2018 14:25:38

Band4_3MHz_QPSK_20385_15RB#0



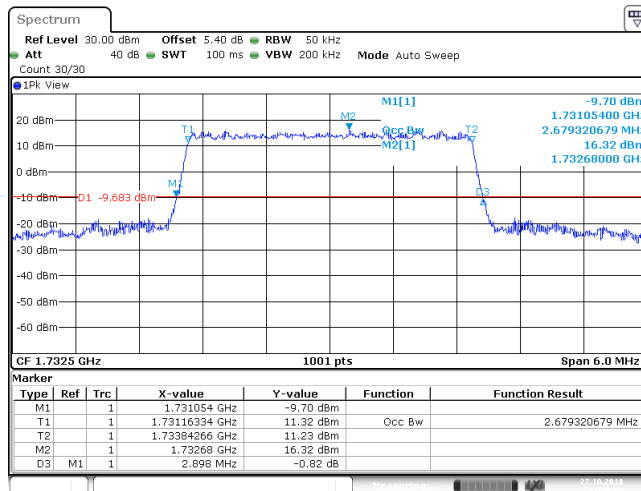
Date: 27.OCT.2018 14:26:04

Band4_3MHz_16QAM_19965_15RB#0



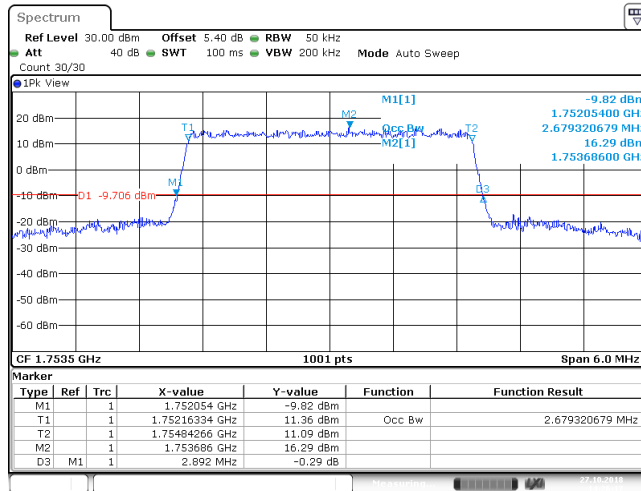
Date: 27.OCT.2018 14:25:25

Band4_3MHz_16QAM_20175_15RB#0



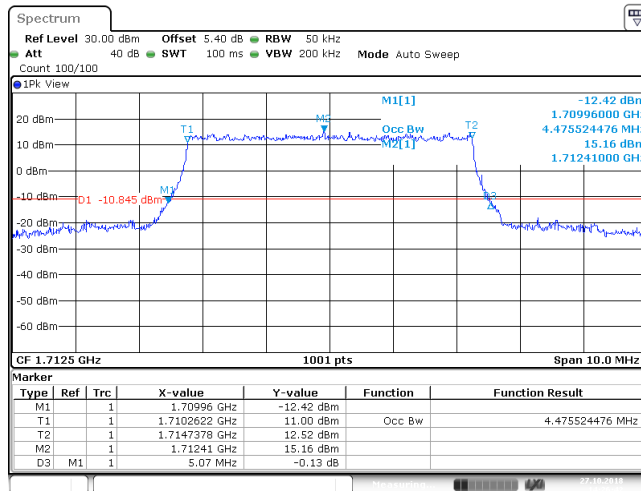
Date: 27.OCT.2018 14:25:51

Band4_3MHz_16QAM_20385_15RB#0



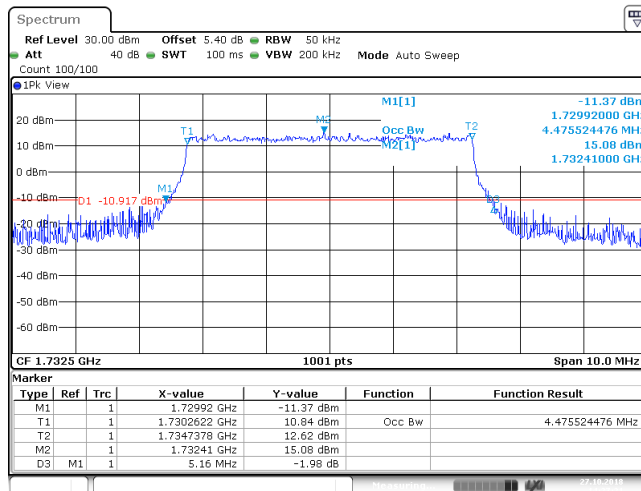
Date: 27.OCT.2018 14:26:17

Band4_5MHz_QPSK_19975_25RB#0



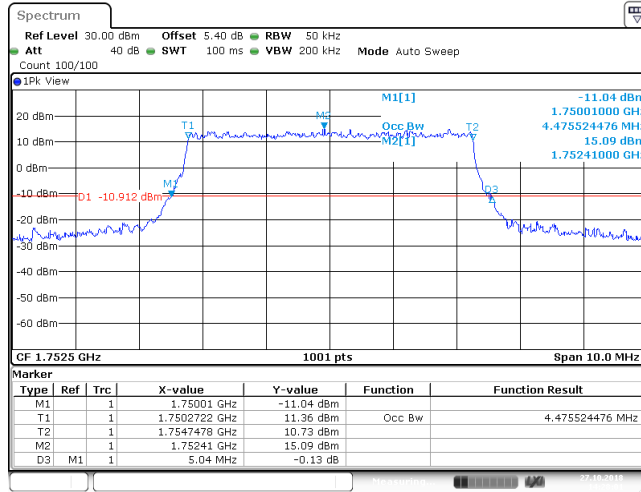
Date: 27.OCT.2018 14:26:42

Band4_5MHz_QPSK_20175_25RB#0



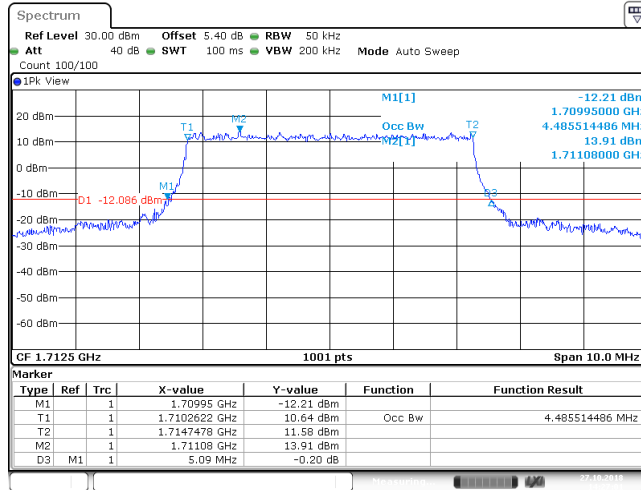
Date: 27.OCT.2018 14:27:22

Band4_5MHz_QPSK_20375_25RB#0



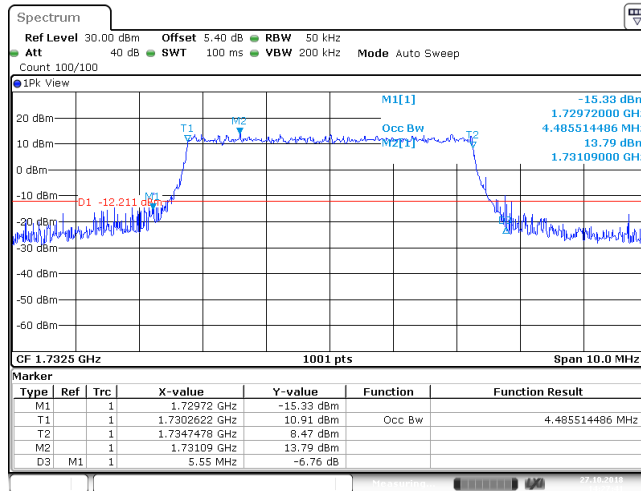
Date: 27.OCT.2018 14:28:01

Band4_5MHz_16QAM_19975_25RB#0



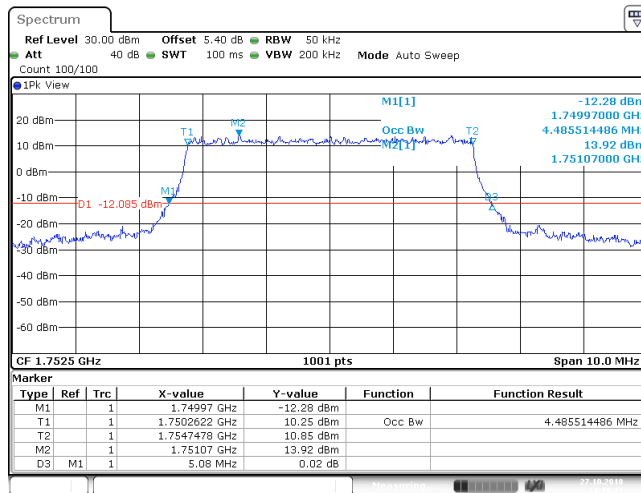
Date: 27.OCT.2018 14:27:02

Band4_5MHz_16QAM_20175_25RB#0



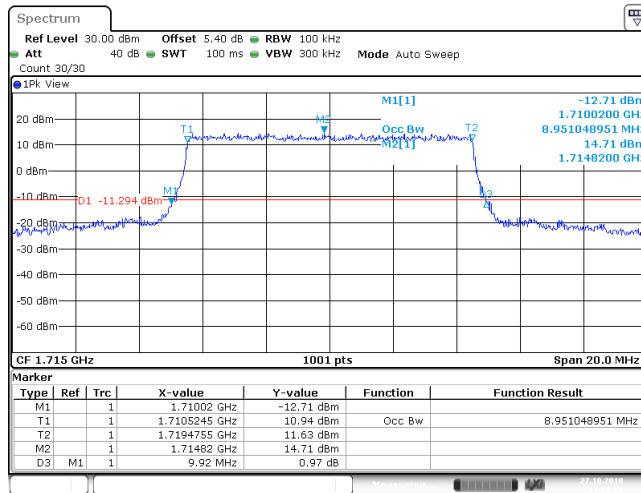
Date: 27.OCT.2018 14:27:41

Band4_5MHz_16QAM_20375_25RB#0



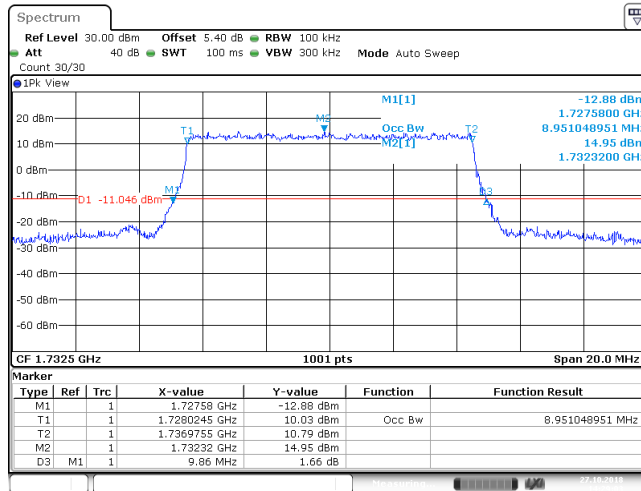
Date: 27.OCT.2018 14:28:21

Band4_10MHz_QPSK_20000_50RB#0



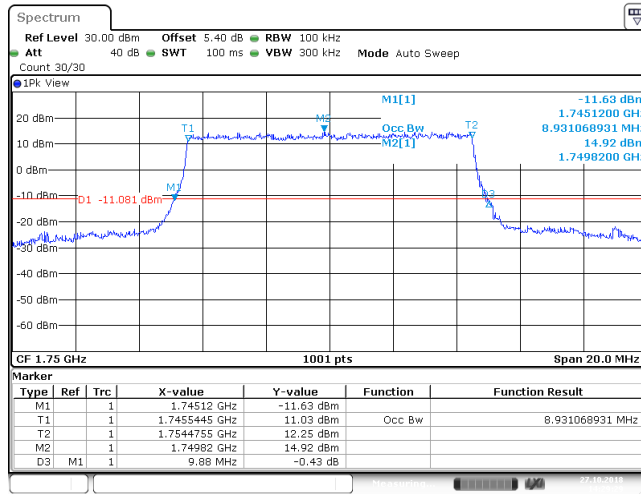
Date: 27.OCT.2018 14:28:38

Band4_10MHz_QPSK_20175_50RB#0



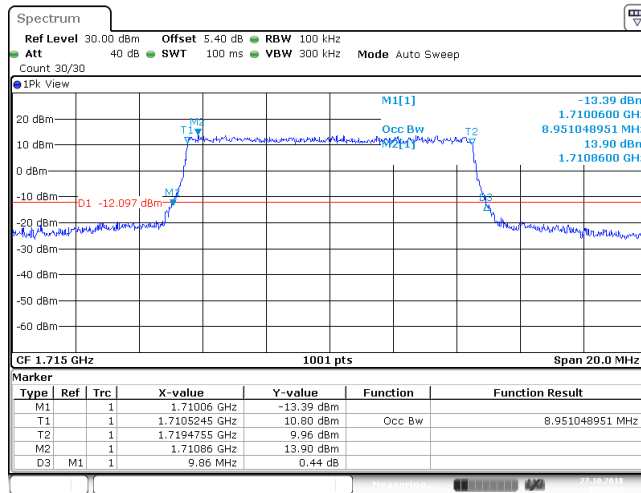
Date: 27.OCT.2018 14:29:03

Band4_10MHz_QPSK_20350_50RB#0



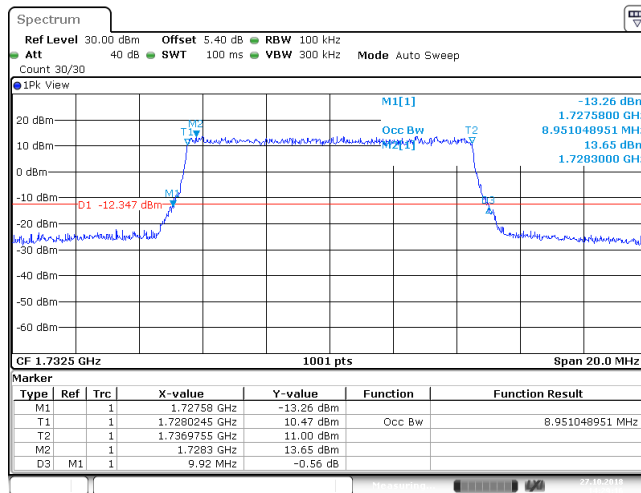
Date: 27.OCT.2018 14:29:29

Band4_10MHz_16QAM_20000_50RB#0



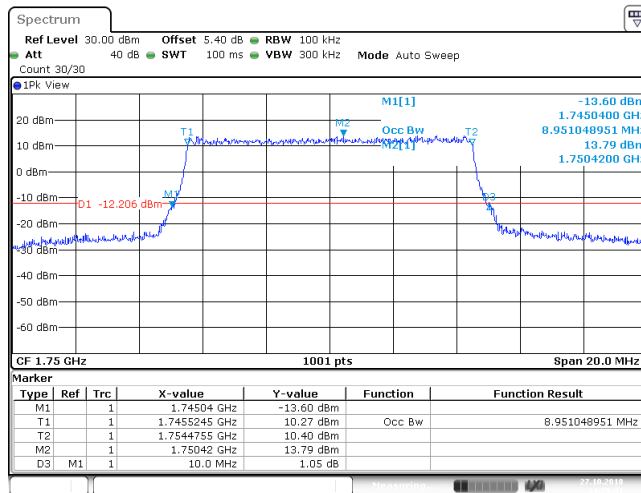
Date: 27.OCT.2018 14:28:51

Band4_10MHz_16QAM_20175_50RB#0



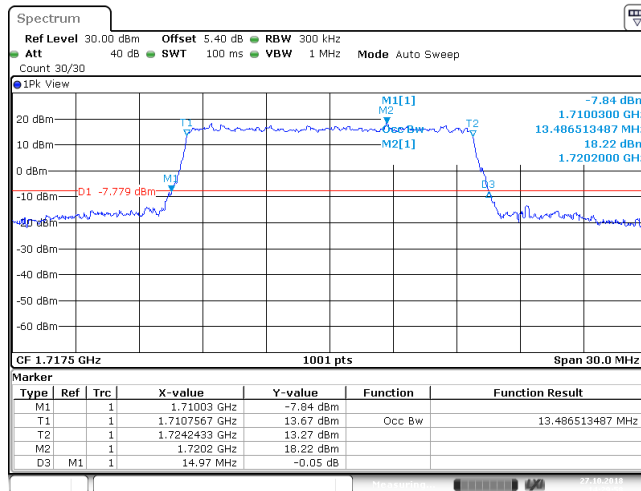
Date: 27.OCT.2018 14:29:16

Band4_10MHz_16QAM_20350_50RB#0



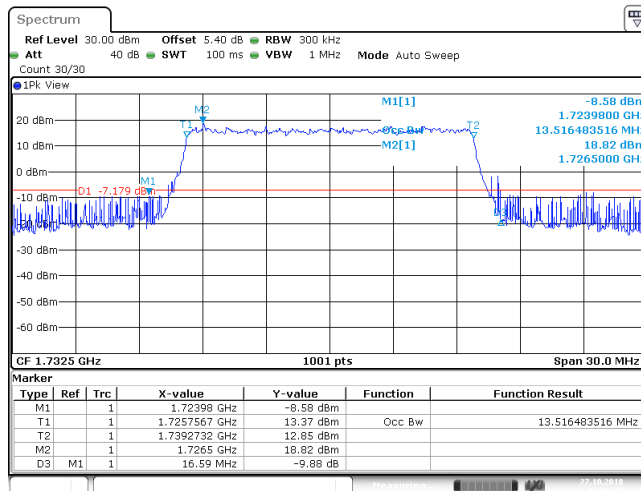
Date: 27.OCT.2018 14:29:42

Band4_15MHz_QPSK_20025_75RB#0



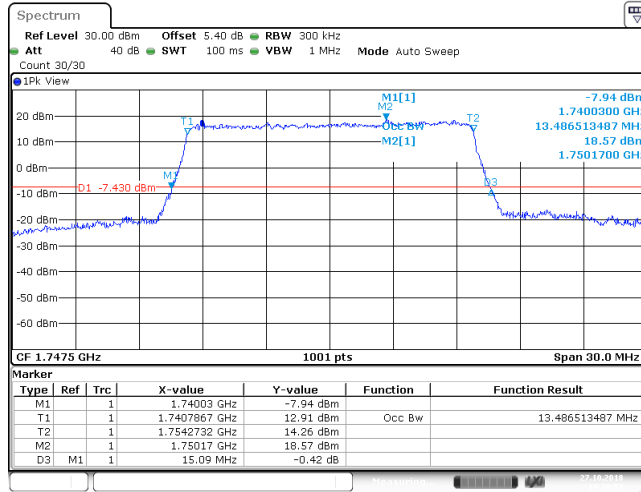
Date: 27.OCT.2018 14:29:59

Band4_15MHz_QPSK_20175_75RB#0



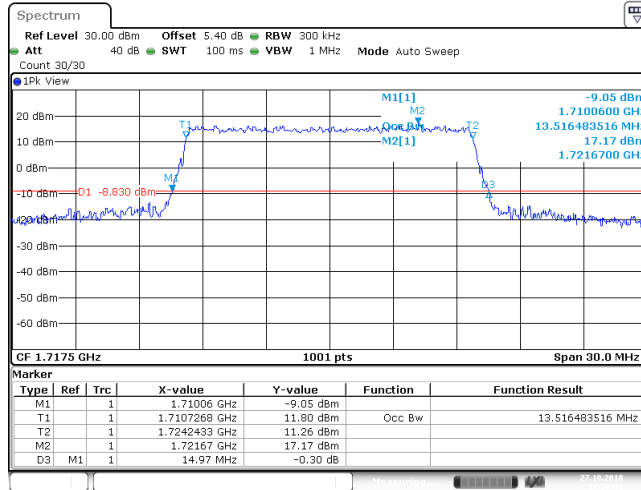
Date: 27.OCT.2018 14:30:25

Band4_15MHz_QPSK_20325_75RB#0



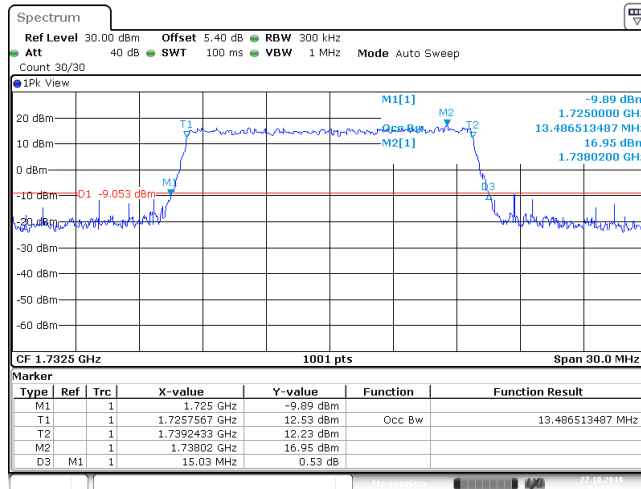
Date: 27.OCT.2018 14:30:51

Band4_15MHz_16QAM_20025_75RB#0



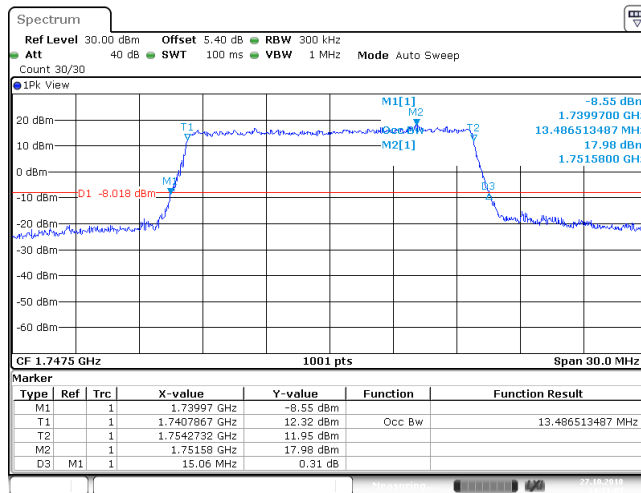
Date: 27.OCT.2018 14:30:42

Band4_15MHz_16QAM_20175_75RB#0



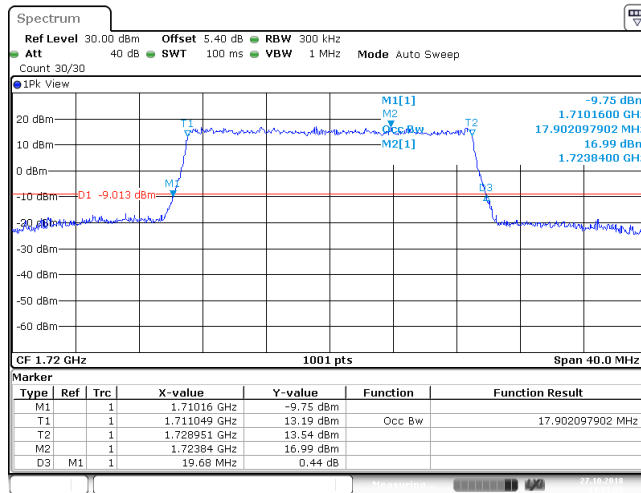
Date: 27.OCT.2018 14:30:38

Band4_15MHz_16QAM_20325_75RB#0



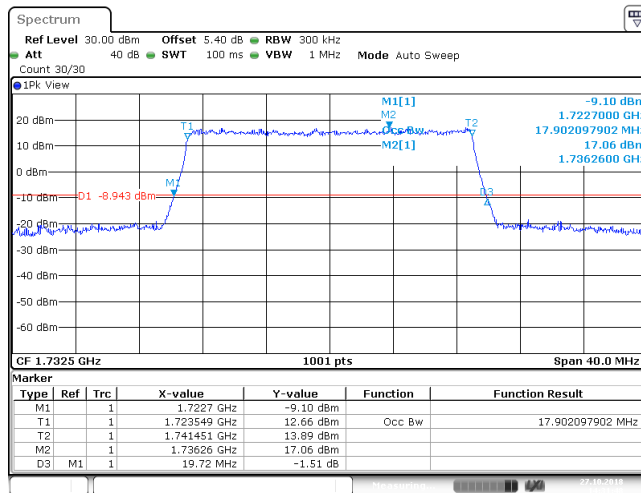
Date: 27.OCT.2018 14:31:04

Band4_20MHz_QPSK_20050_100RB#0



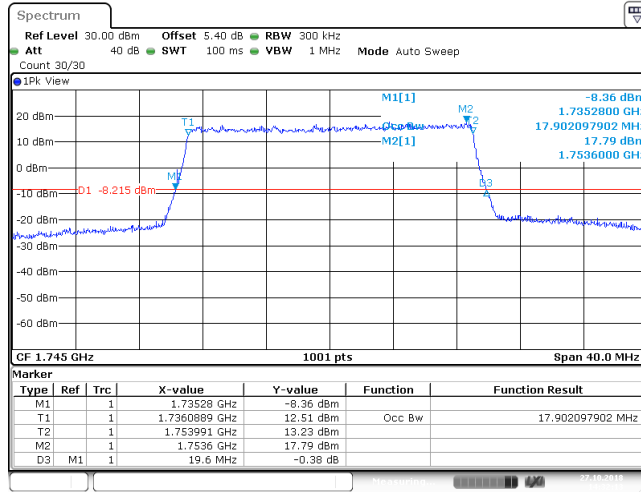
Date: 27.OCT.2018 14:31:22

Band4_20MHz_QPSK_20175_100RB#0



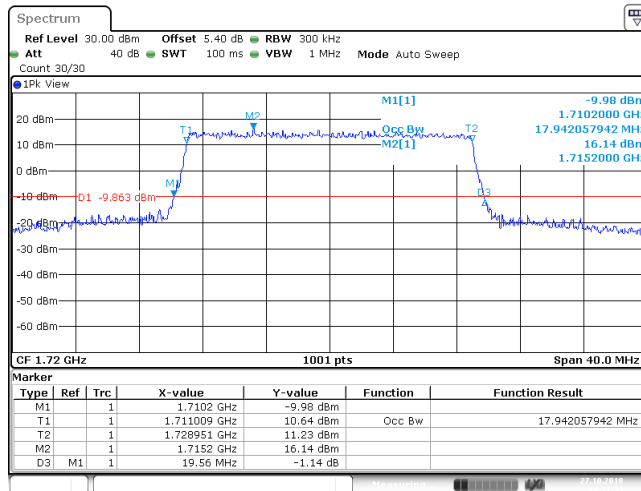
Date: 27.OCT.2018 14:31:48

Band4_20MHz_QPSK_20300_100RB#0



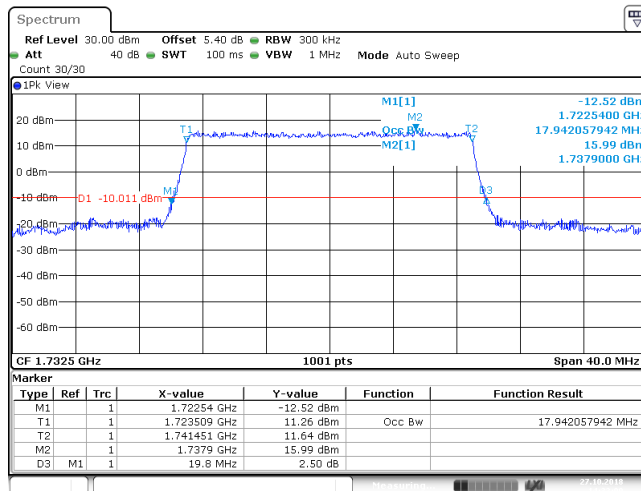
Date: 27.OCT.2018 14:32:14

Band4_20MHz_16QAM_20050_100RB#0



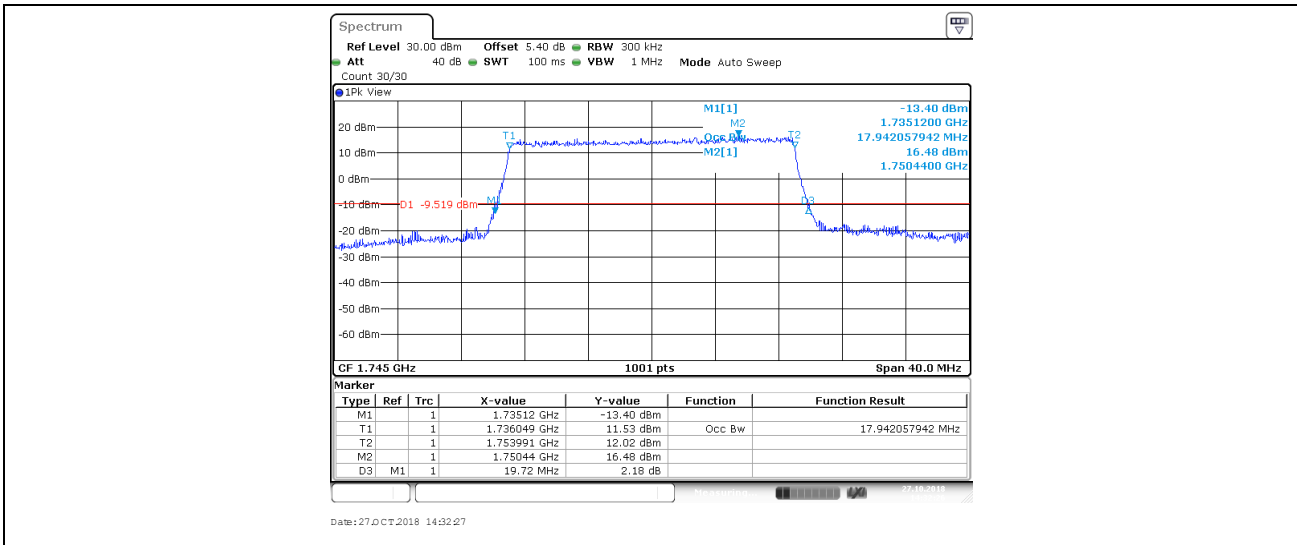
Date: 27.OCT.2018 14:31:35

Band4_20MHz_16QAM_20175_100RB#0



Date: 27.OCT.2018 14:32:01

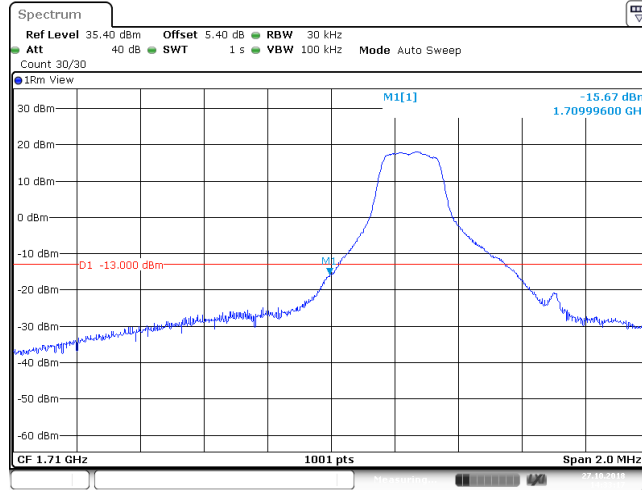
Band4_20MHz_16QAM_20300_100RB#0



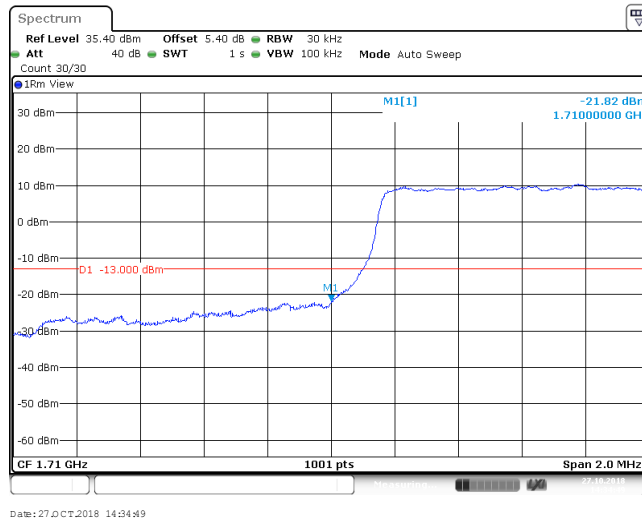
5. Band Edge Compliance

5.1. Test Plots

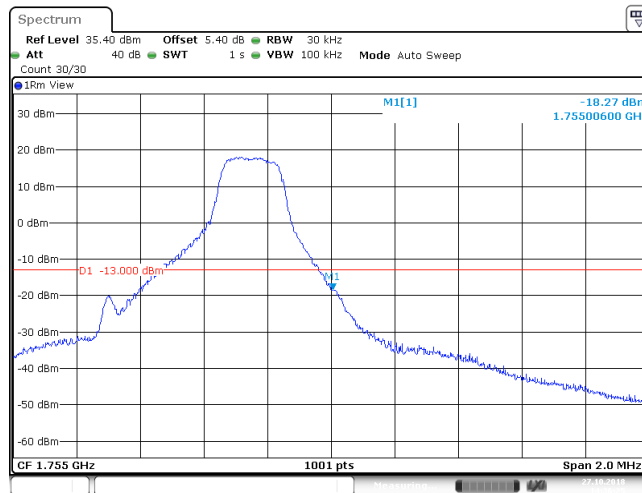
Band4_1.4MHz_QPSK_19957_1RB#0



Band4_1.4MHz_QPSK_19957_6RB#0

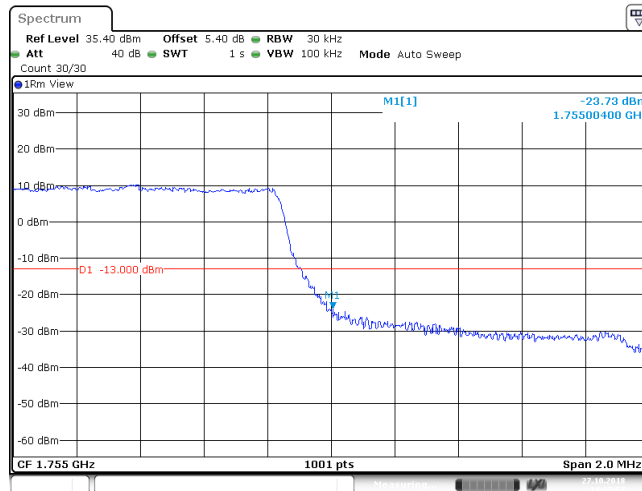


Band4_1.4MHz_QPSK_20393_1RB#5



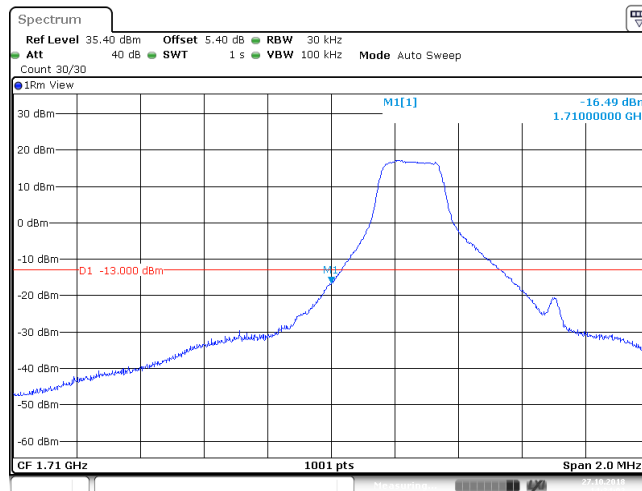
Date: 27 OCT 2018 14:36:25

Band4_1.4MHz_QPSK_20393_6RB#0



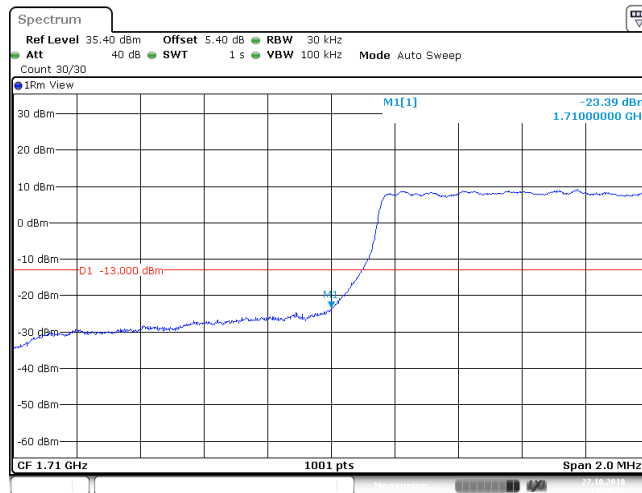
Date: 27 OCT 2018 14:37:57

Band4_1.4MHz_16QAM_19957_1RB#0



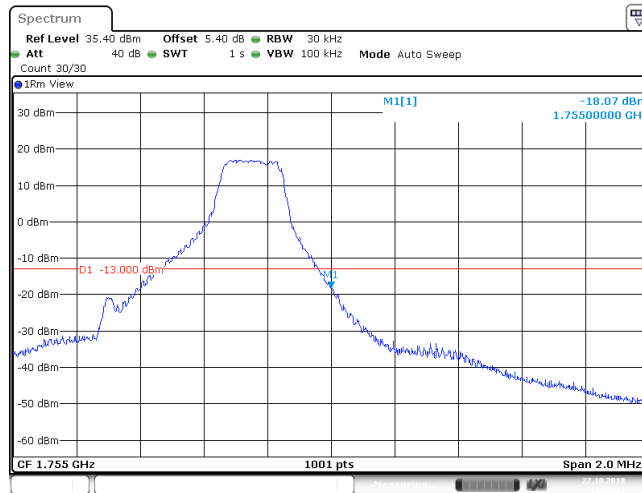
Date: 27 OCT 2018 14:34:03

Band4_1.4MHz_16QAM_19957_6RB#0



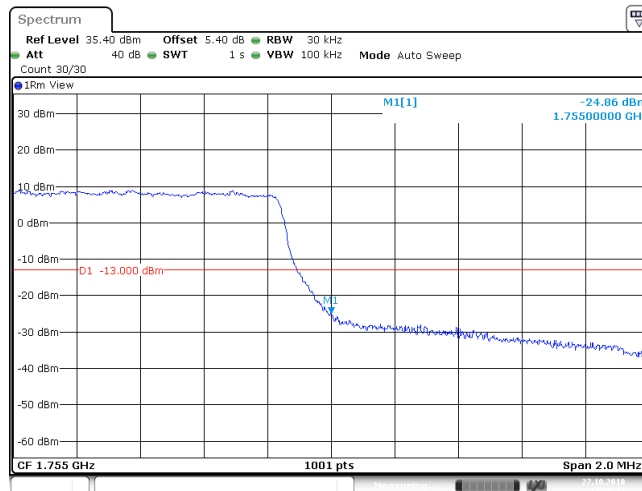
Date: 27 OCT 2018 14:35:35

Band4_1.4MHz_16QAM_20393_1RB#5



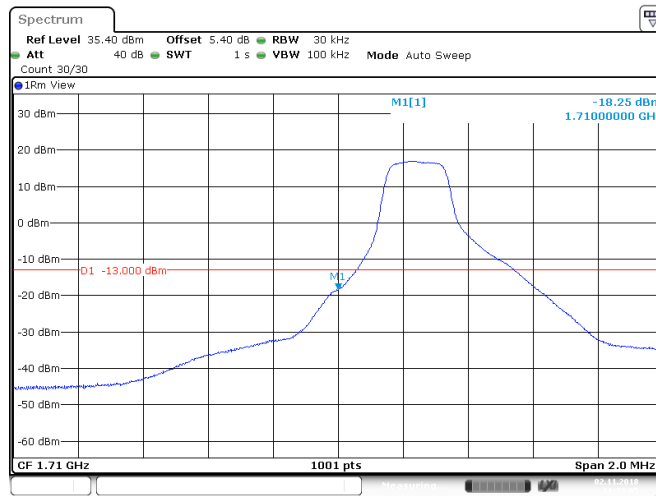
Date: 27 OCT 2018 14:37:11

Band4_1.4MHz_16QAM_20393_6RB#0



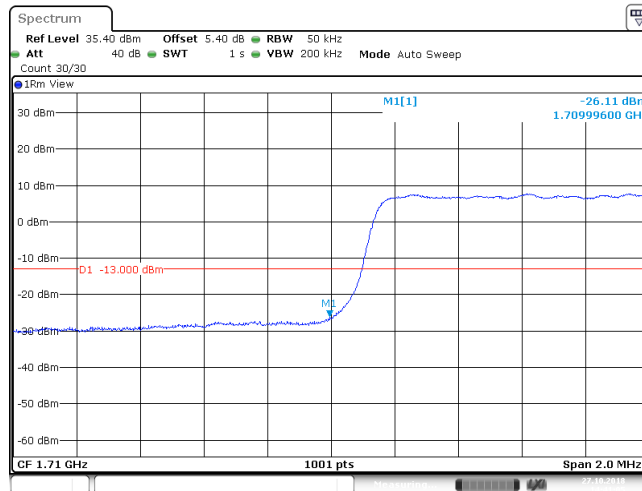
Date: 27 OCT 2018 14:38:43

Band4_3MHz_QPSK_19965_1RB#0



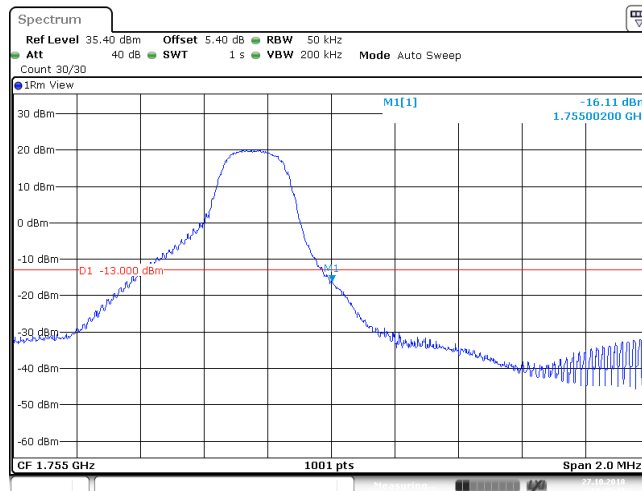
Date: 2 NOV 2018 11:33:05

Band4_3MHz_QPSK_19965_15RB#0



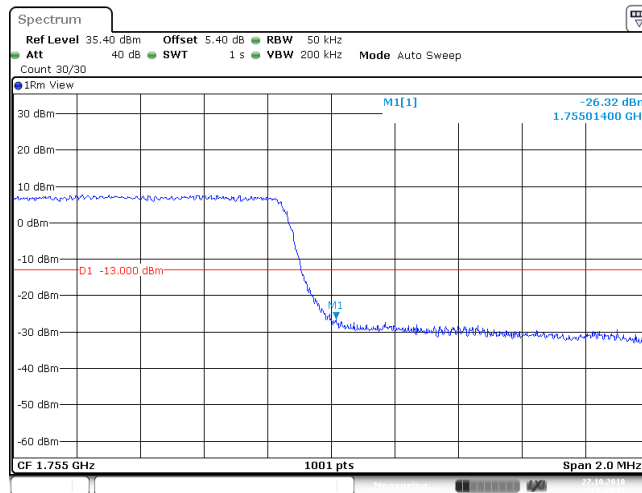
Date: 27 OCT 2018 14:41:06

Band4_3MHz_QPSK_20385_1RB#14



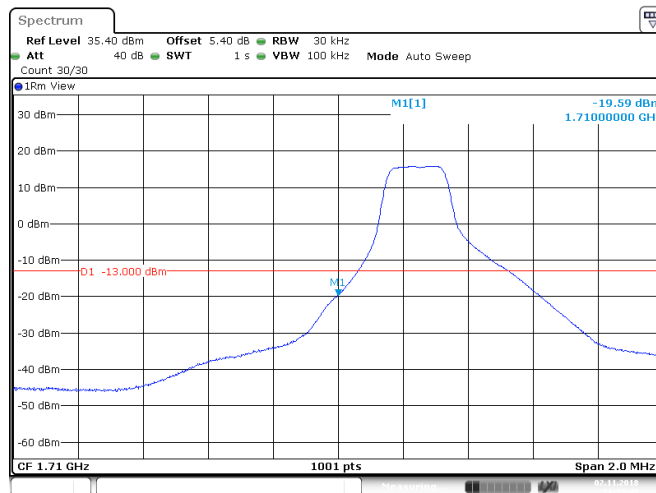
Date: 27 OCT 2018 14:42:42

Band4_3MHz_QPSK_20385_15RB#0



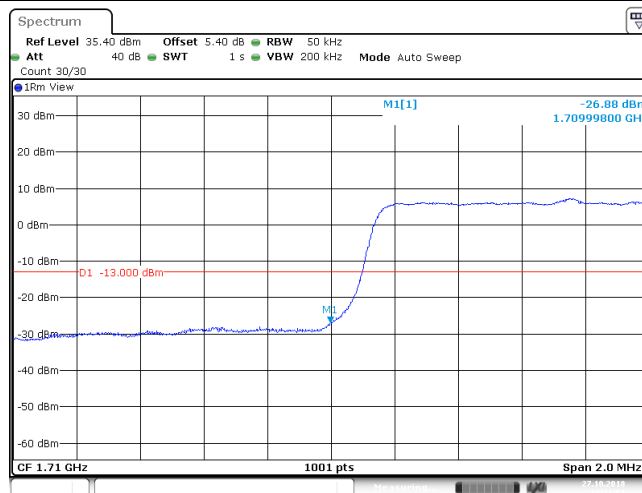
Date: 27 OCT 2018 14:44:44

Band4_3MHz_16QAM_19965_1RB#0



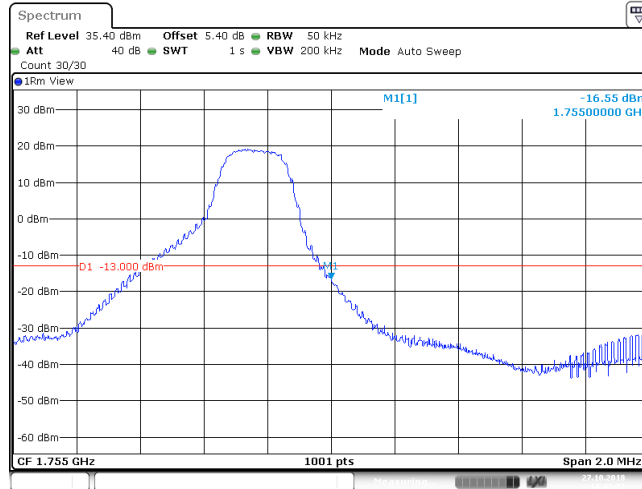
Date: 2 NOV 2018 11:03:48

Band4_3MHz_16QAM_19965_15RB#0



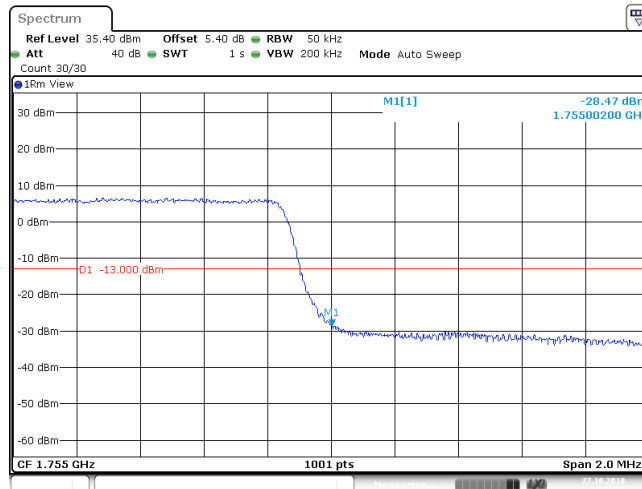
Date: 27 OCT 2018 14:41:52

Band4_3MHz_16QAM_20385_1RB#14



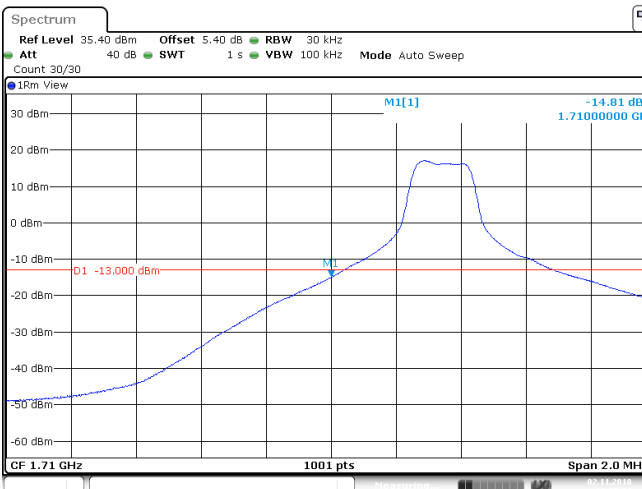
Date: 27 OCT 2018 14:43:28

Band4_3MHz_16QAM_20385_15RB#0



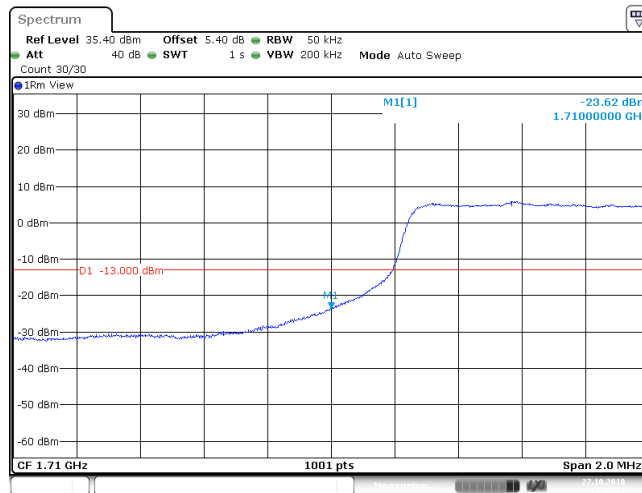
Date: 27 OCT 2018 14:45:00

Band4_5MHz_QPSK_19975_1RB#0



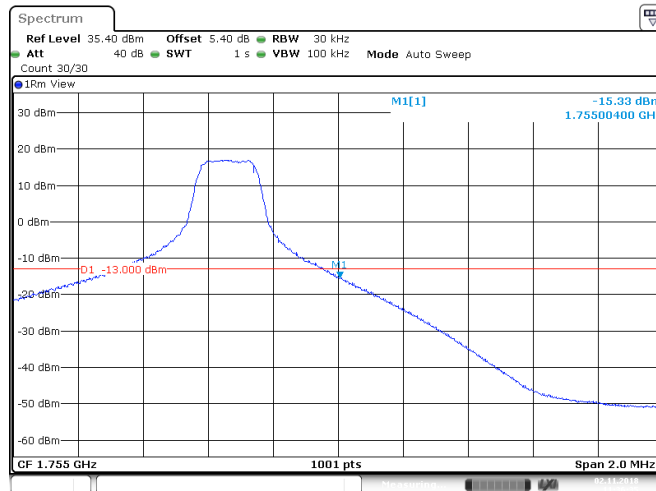
Date: 2 NOV 2018 11:35:04

Band4_5MHz_QPSK_19975_25RB#0



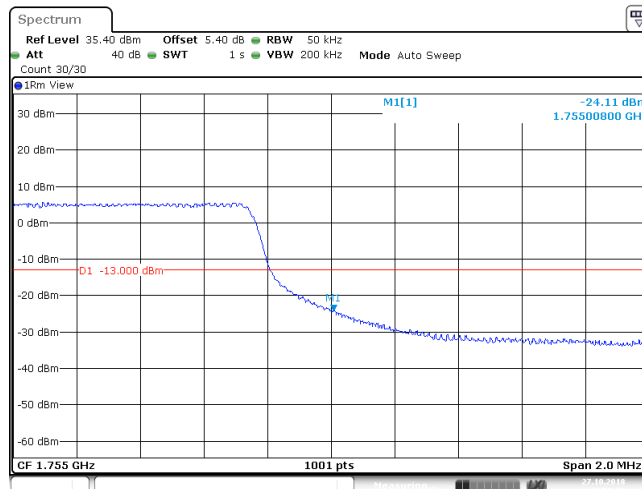
Date: 27 OCT 2018 14:47:22

Band4_5MHz_QPSK_20375_1RB#24



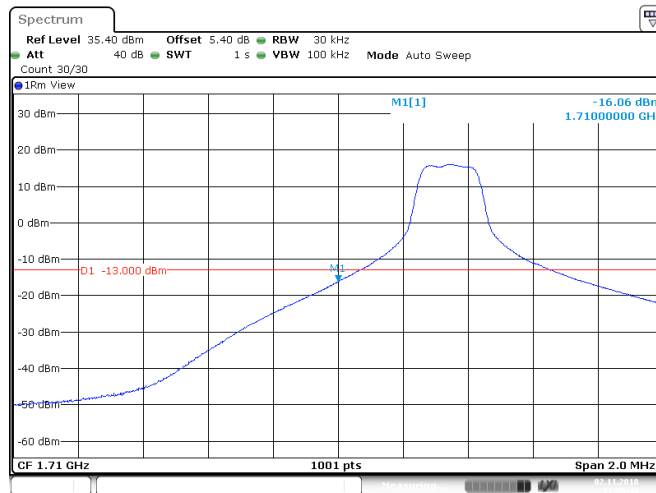
Date: 2 NOV 2018 11:06:05

Band4_5MHz_QPSK_20375_25RB#0



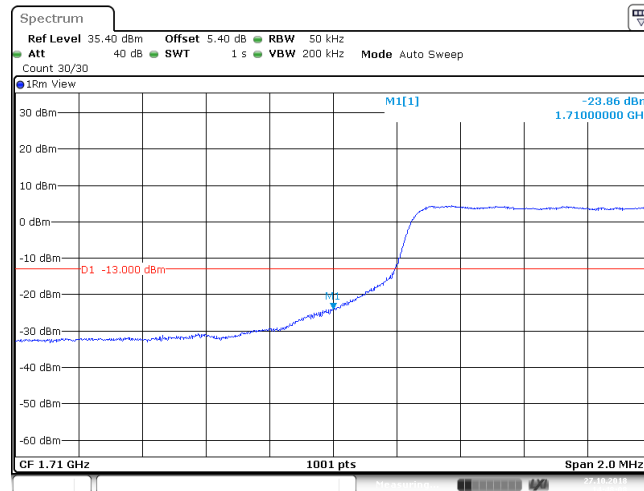
Date: 27 OCT 2018 14:50:31

Band4_5MHz_16QAM_19975_1RB#0



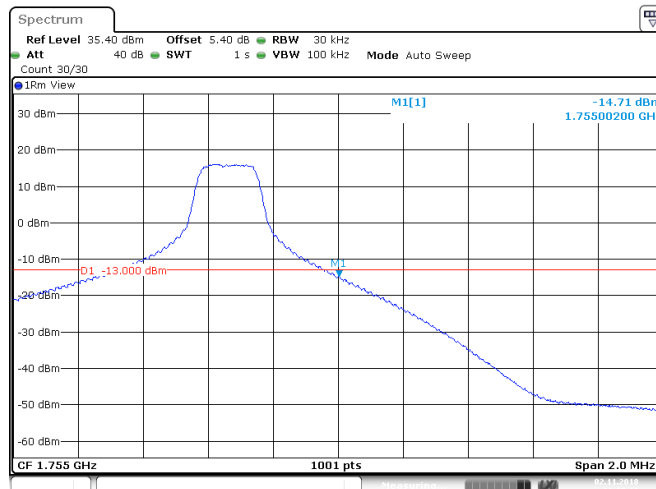
Date: 2 NOV 2018 11:35:47

Band4_5MHz_16QAM_19975_25RB#0



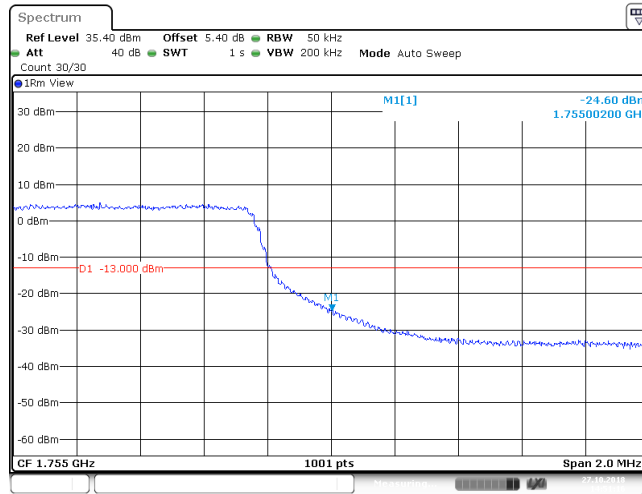
Date: 27 OCT 2018 14:48:28

Band4_5MHz_16QAM_20375_1RB#24



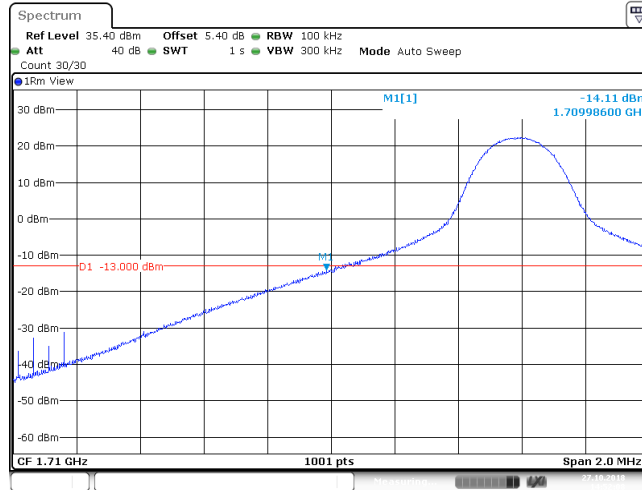
Date: 2 NOV 2018 11:37:19

Band4_5MHz_16QAM_20375_25RB#0



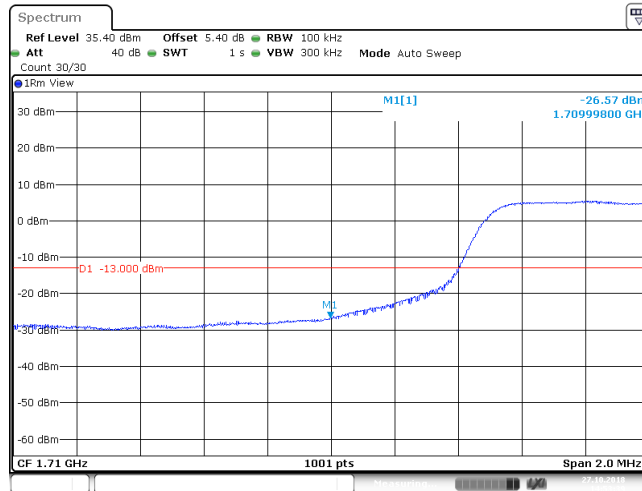
Date: 27 OCT 2018 14:51:17

Band4_10MHz_QPSK_20000_1RB#0



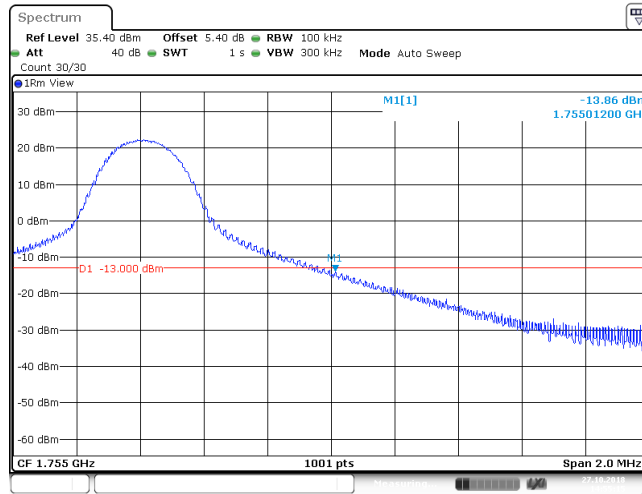
Date: 27 OCT 2018 14:52:08

Band4_10MHz_QPSK_20000_50RB#0



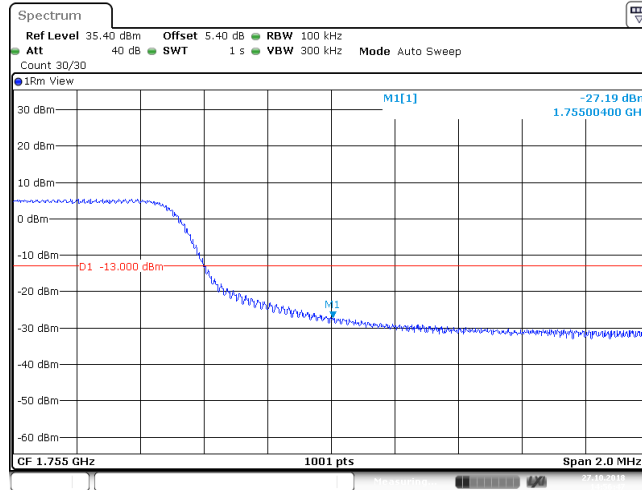
Date: 27 OCT 2018 14:53:40

Band4_10MHz_QPSK_20350_1RB#49



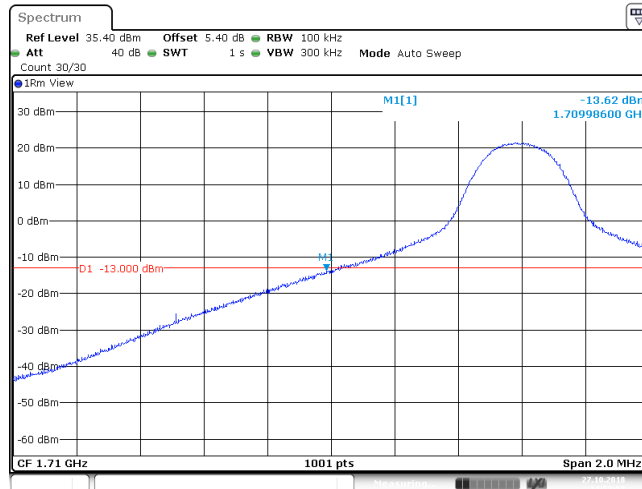
Date: 27 OCT 2018 14:55:16

Band4_10MHz_QPSK_20350_50RB#0



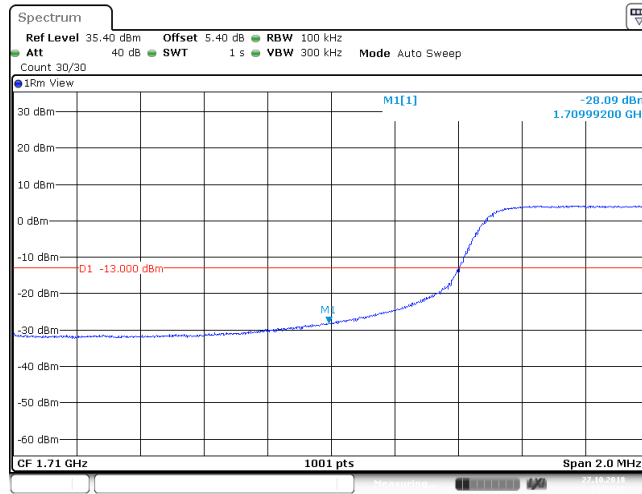
Date: 27 OCT 2018 14:56:18

Band4_10MHz_16QAM_20000_1RB#0



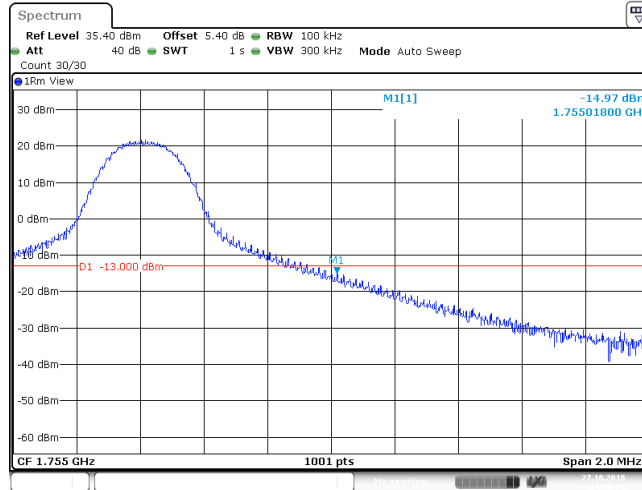
Date: 27 OCT 2018 14:52:54

Band4_10MHz_16QAM_20000_50RB#0



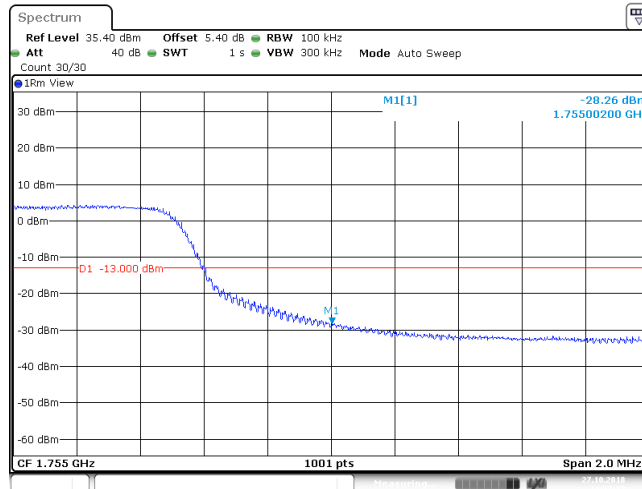
Date: 27 OCT 2018 14:54:25

Band4_10MHz_16QAM_20350_1RB#49



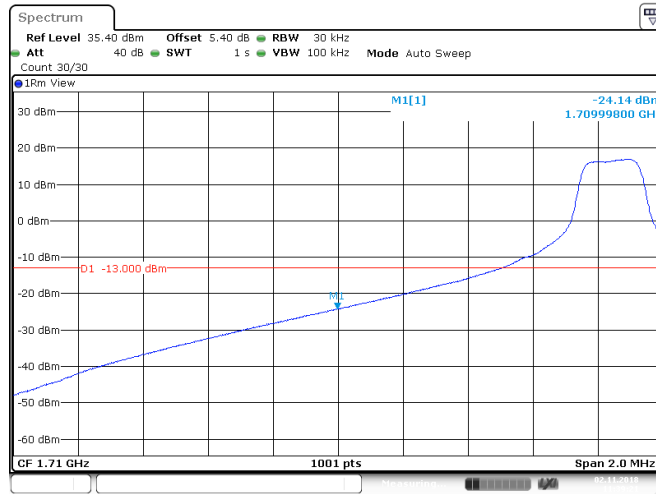
Date: 27 OCT 2018 14:56:02

Band4_10MHz_16QAM_20350_50RB#0



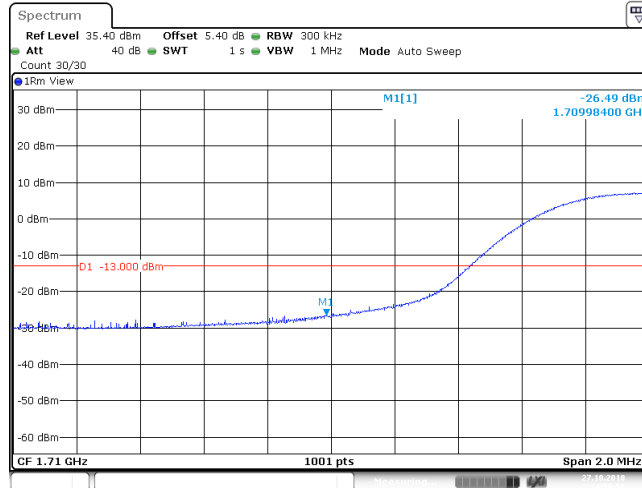
Date: 27 OCT 2018 14:57:34

Band4_15MHz_QPSK_20025_1RB#0



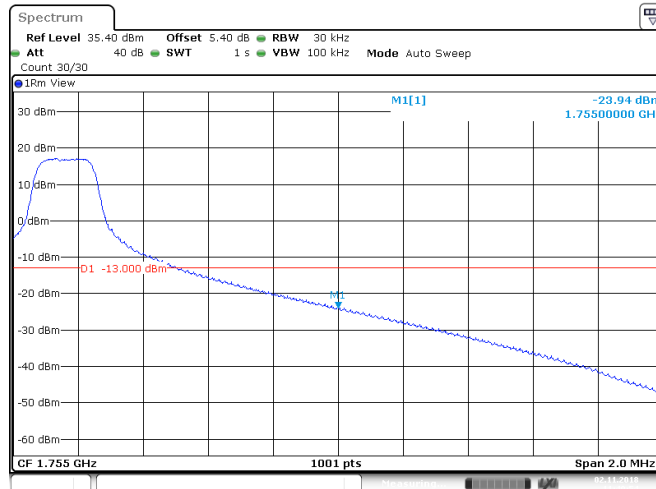
Date: 2 NOV 2018 11:39:22

Band4_15MHz_QPSK_20025_75RB#0



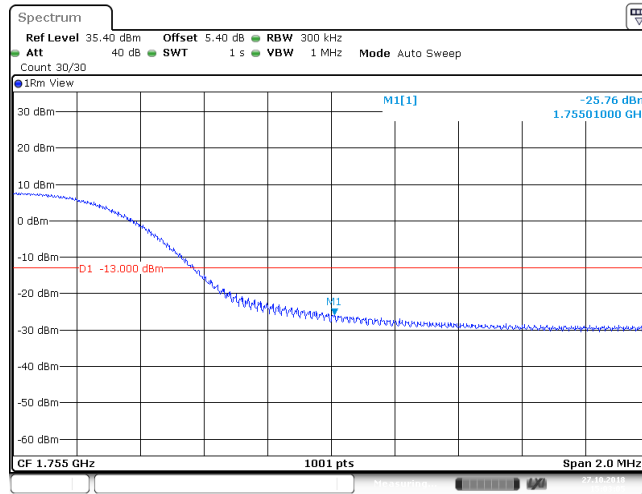
Date: 27 OCT 2018 14:59:56

Band4_15MHz_QPSK_20325_1RB#74



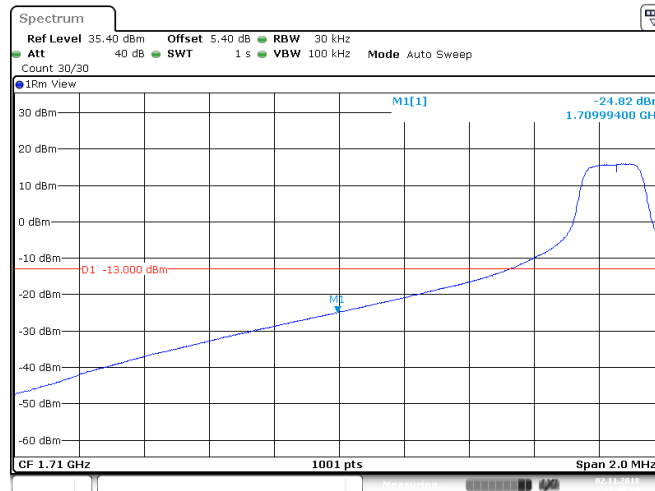
Date: 2 NOV 2018 11:40:55

Band4_15MHz_QPSK_20325_75RB#0



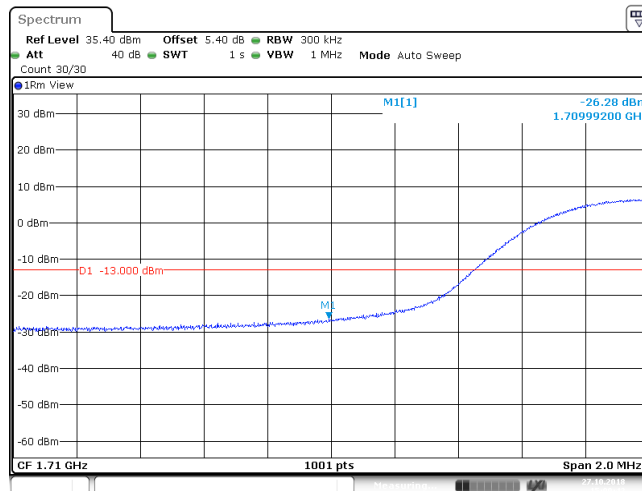
Date: 27 OCT 2018 15:03:05

Band4_15MHz_16QAM_20025_1RB#0



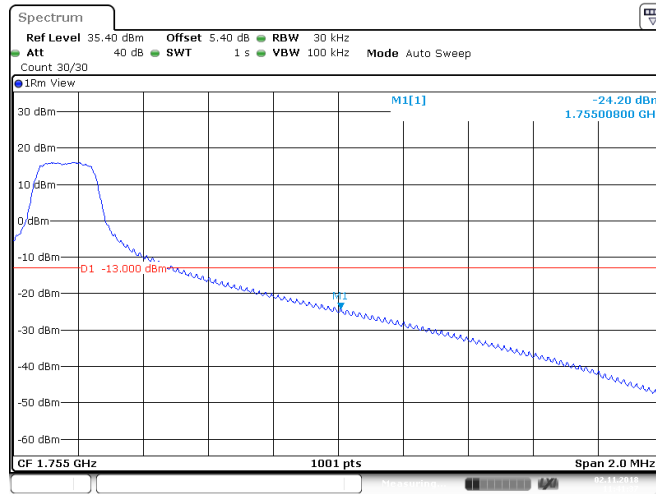
Date: 2 NOV 2018 11:40:05

Band4_15MHz_16QAM_20025_75RB#0



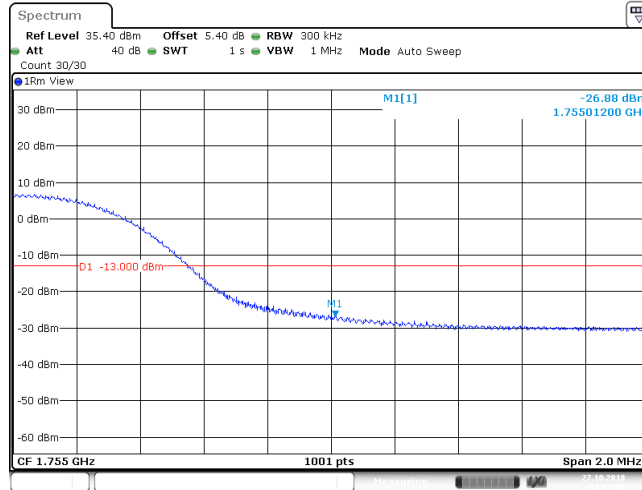
Date: 27 OCT 2018 15:00:42

Band4_15MHz_16QAM_20325_1RB#74



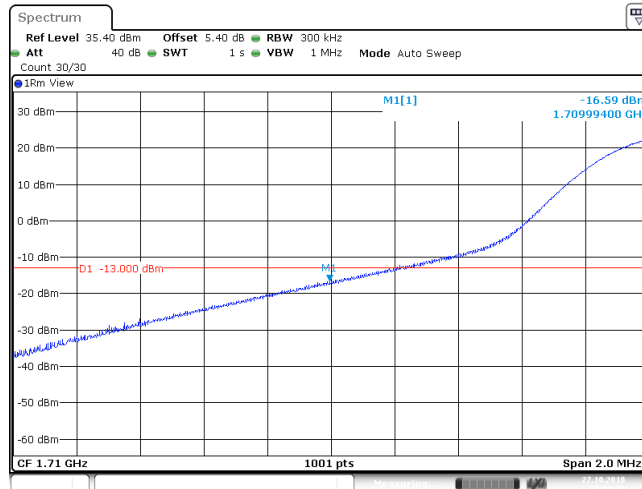
Date: 2 NOV 2018 11:41:38

Band4_15MHz_16QAM_20325_75RB#0



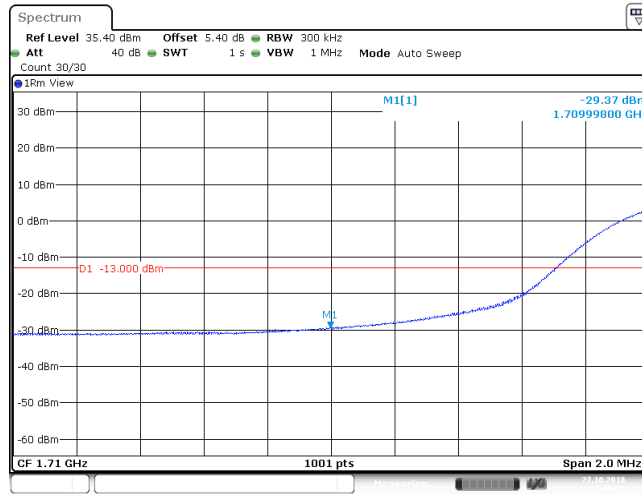
Date: 27 OCT 2018 15:03:51

Band4_20MHz_QPSK_20050_1RB#0



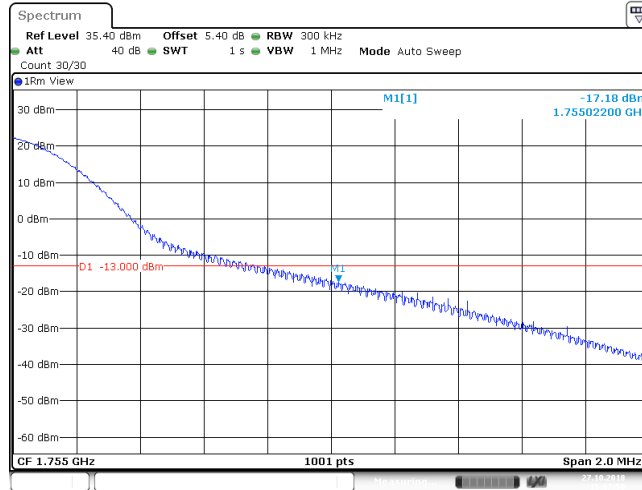
Date: 27 OCT 2018 15:04:42

Band4_20MHz_QPSK_20050_100RB#0



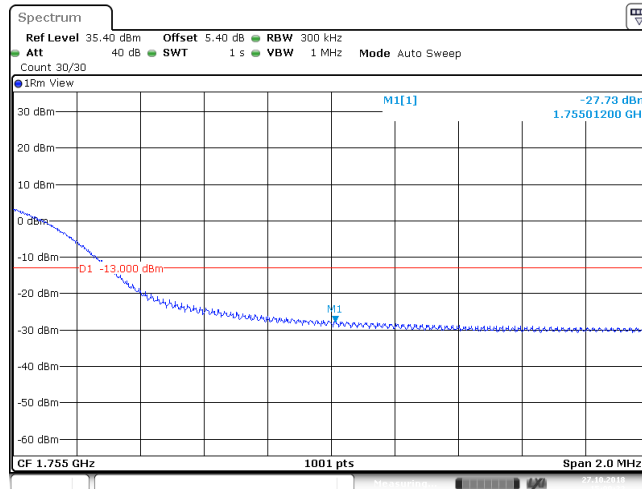
Date: 27 OCT 2018 15:06:13

Band4_20MHz_QPSK_20300_1RB#99



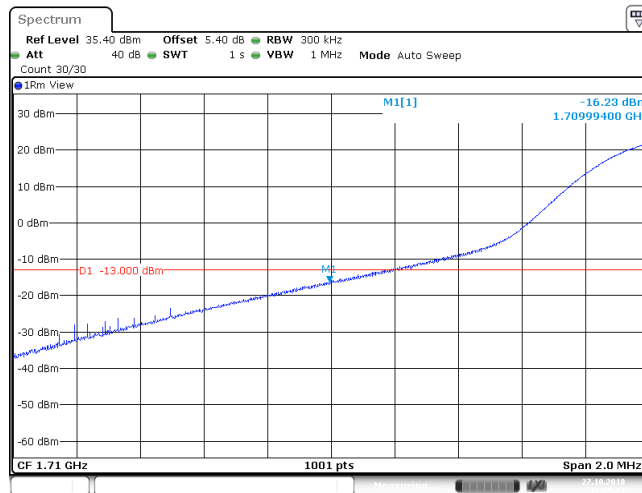
Date: 27 OCT 2018 15:07:50

Band4_20MHz_QPSK_20300_100RB#0



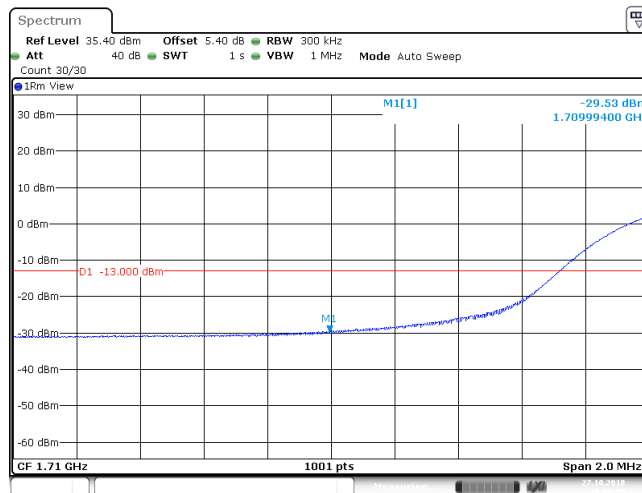
Date: 27 OCT 2018 15:09:22

Band4_20MHz_16QAM_20050_1RB#0



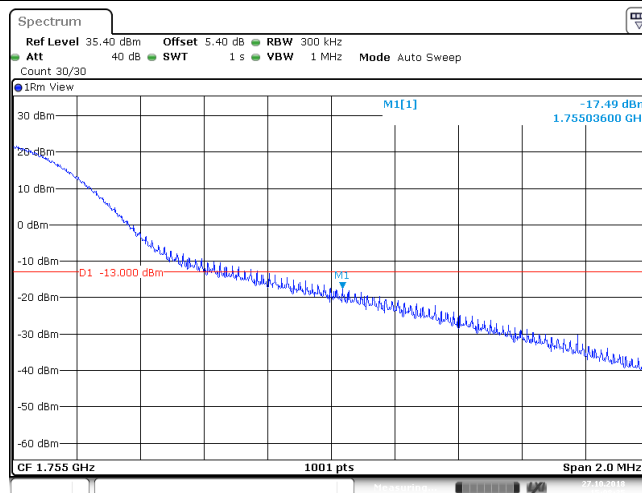
Date: 27 OCT 2018 15:05:27

Band4_20MHz_16QAM_20050_100RB#0



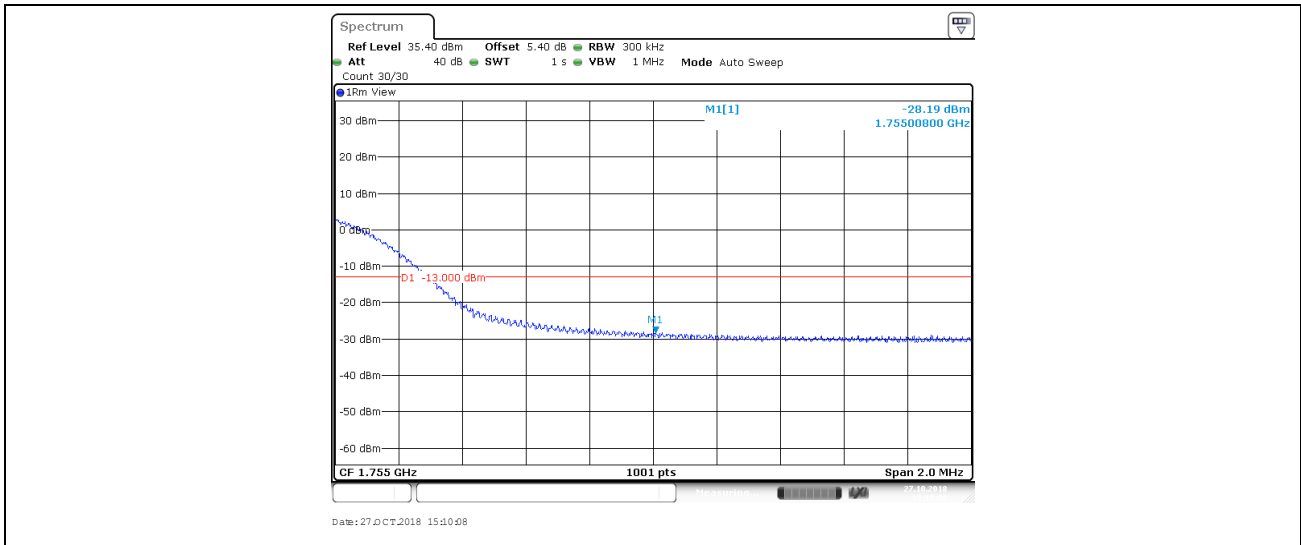
Date: 27 OCT 2018 15:07:00

Band4_20MHz_16QAM_20300_1RB#99



Date: 27 OCT 2018 15:08:06

Band4_20MHz_16QAM_20300_100RB#0

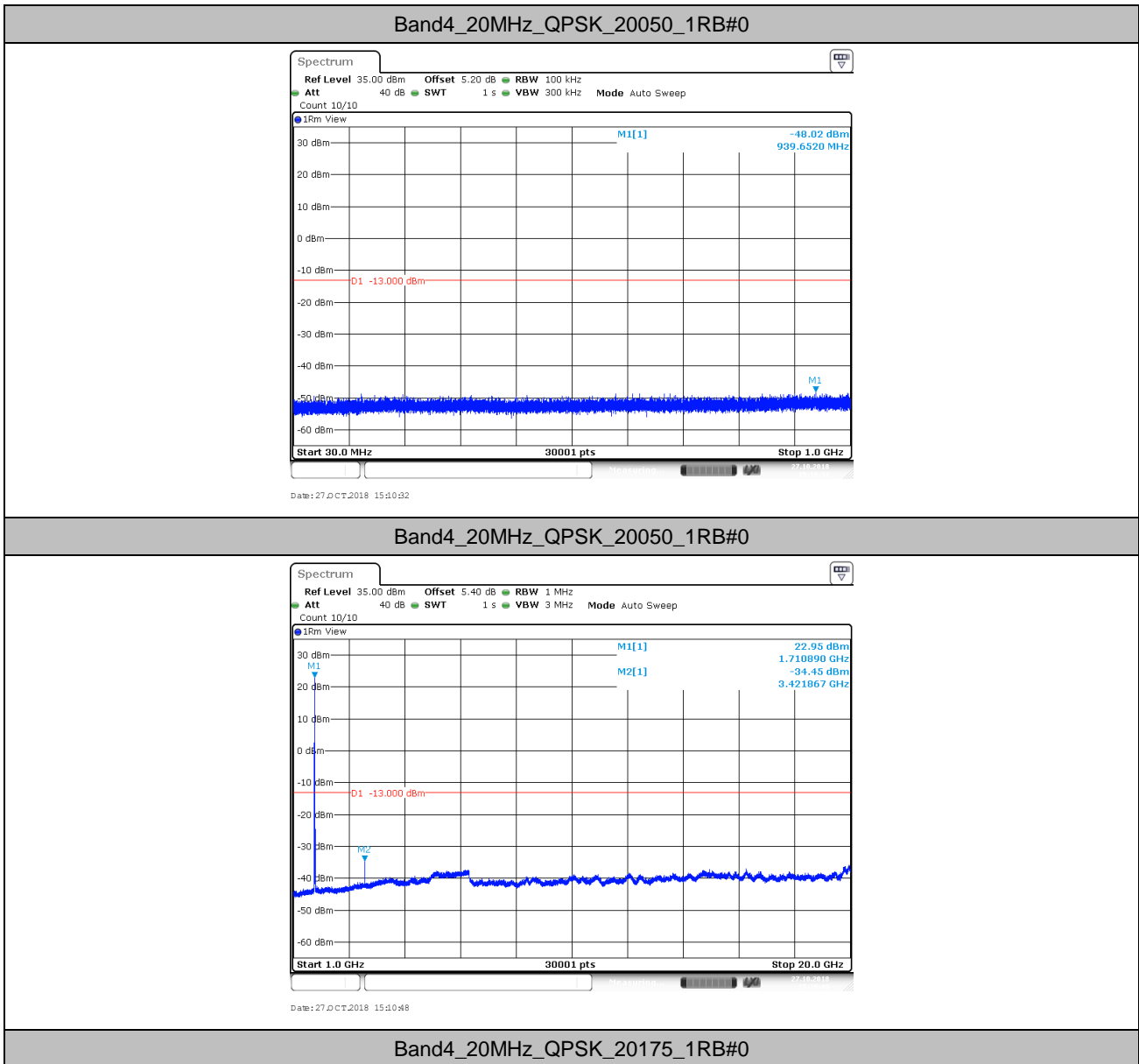


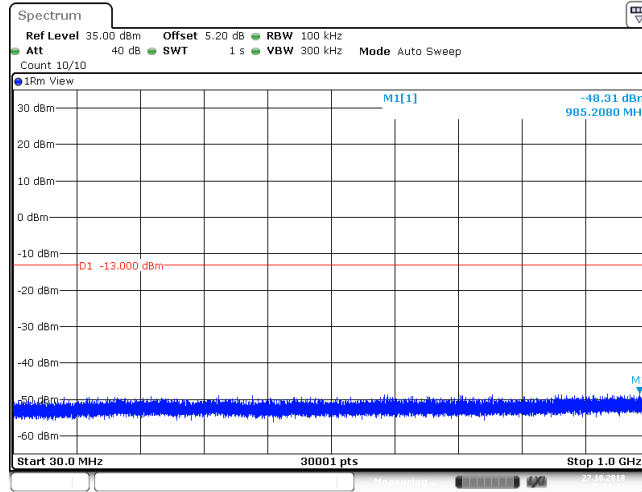
6. Spurious Emission at Antenna Terminal

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

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

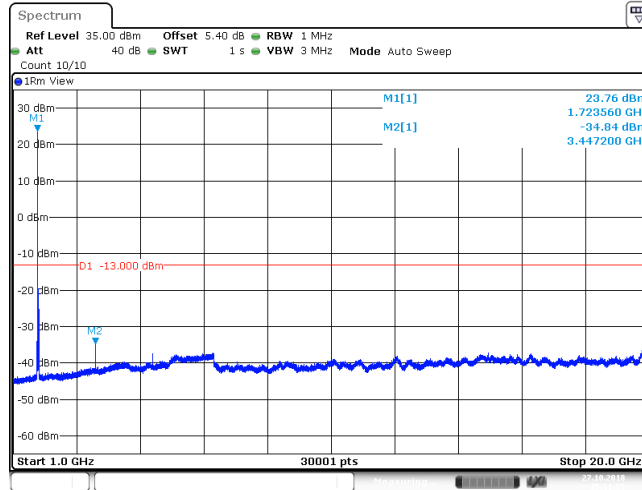
6.1. Test Plots





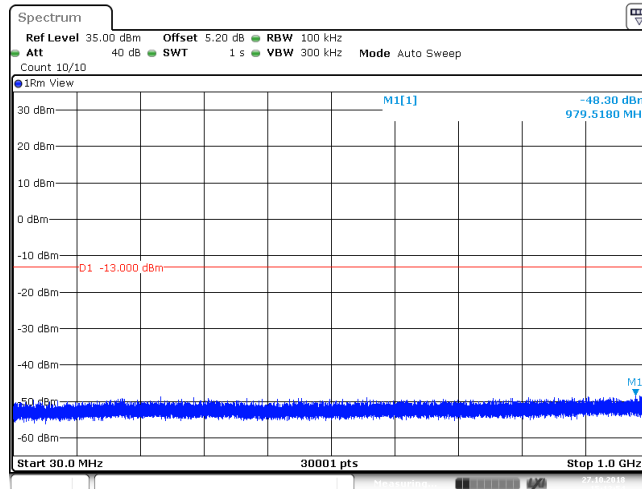
Date: 27 OCT 2018 15:11:43

Band4_20MHz_QPSK_20175_1RB#0



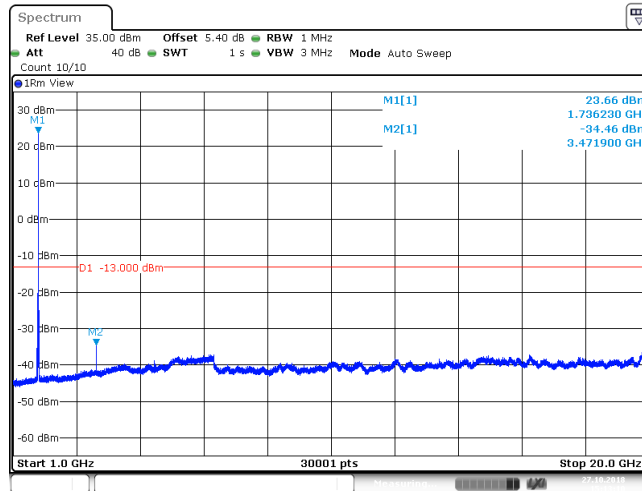
Date: 27 OCT 2018 15:12:00

Band4_20MHz_QPSK_20300_1RB#0



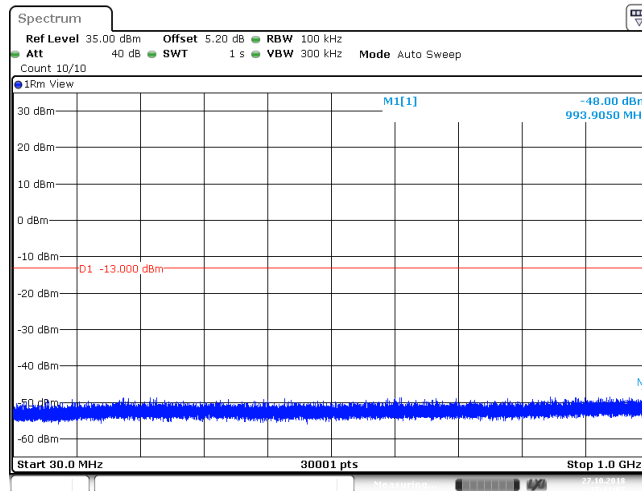
Date: 27 OCT 2018 15:12:54

Band4_20MHz_QPSK_20300_1RB#0



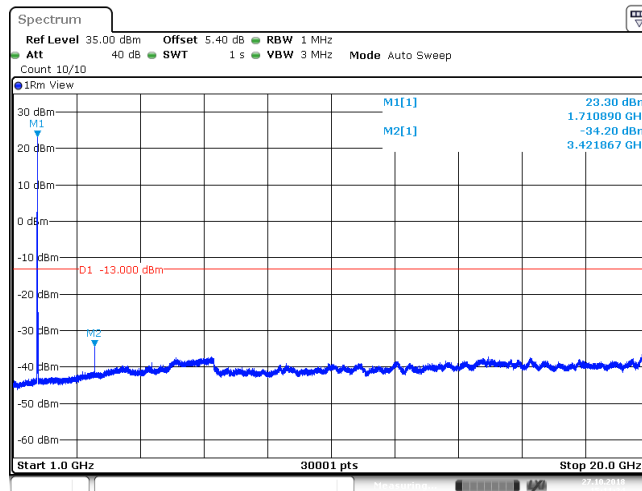
Date: 27 OCT 2018 15:13:40

Band4_20MHz_16QAM_20050_1RB#0



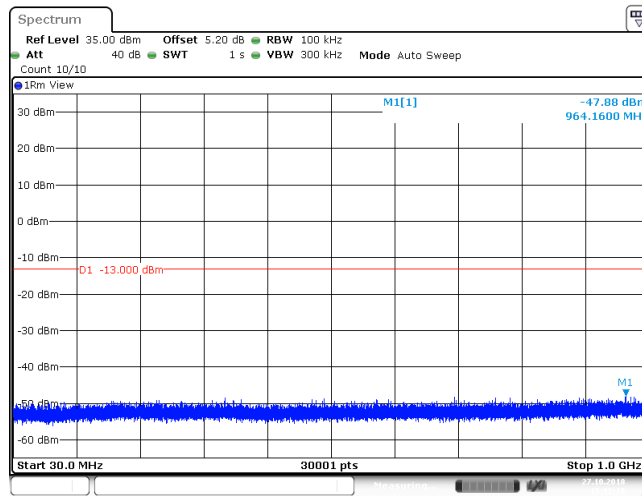
Date: 27 OCT 2018 15:11:07

Band4_20MHz_16QAM_20050_1RB#0



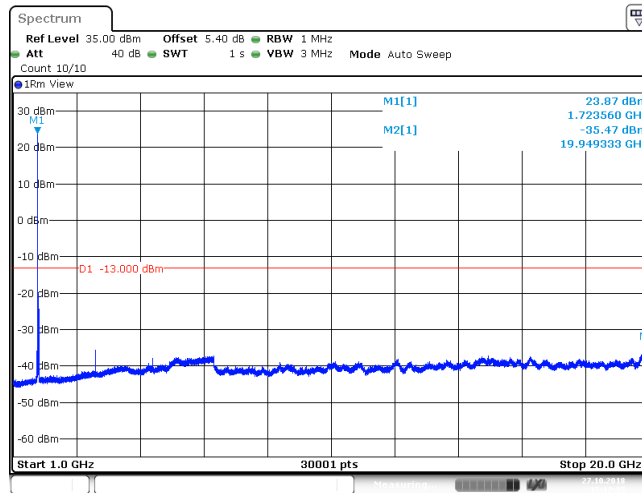
Date: 27 OCT 2018 15:11:24

Band4_20MHz_16QAM_20175_1RB#0



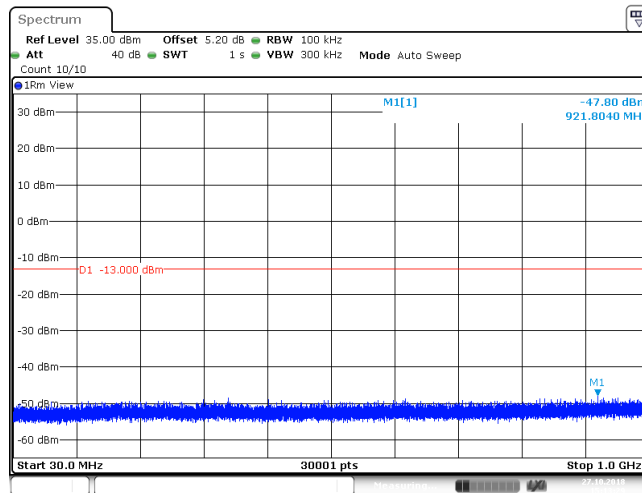
Date: 27 OCT 2018 15:12:49

Band4_20MHz_16QAM_20175_1RB#0



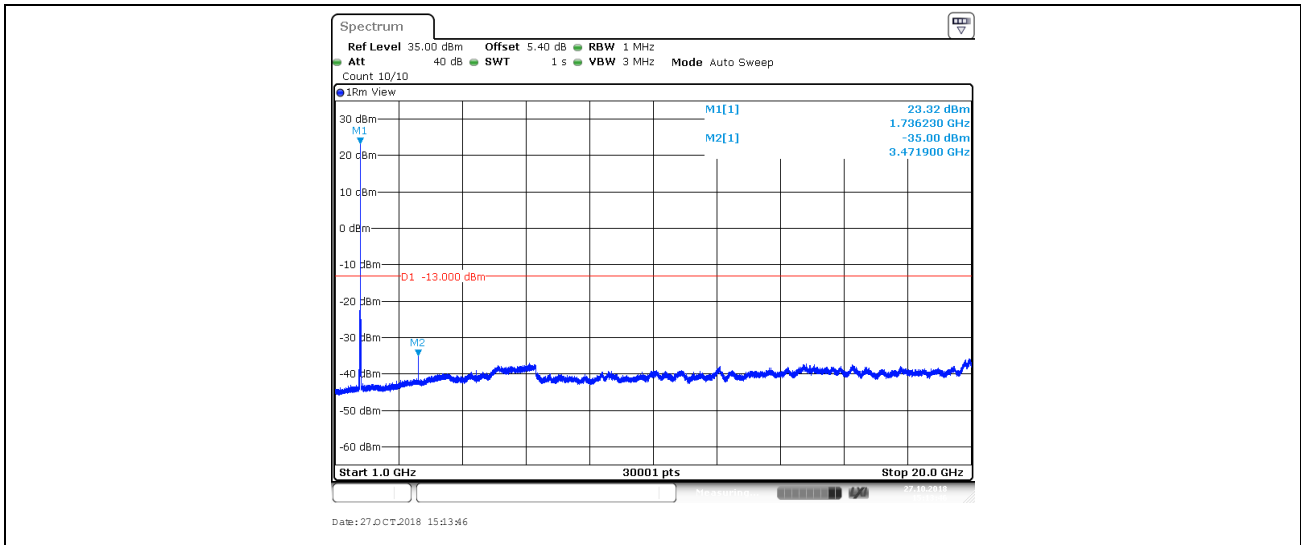
Date: 27 OCT 2018 15:12:35

Band4_20MHz_16QAM_20300_1RB#0



Date: 27 OCT 2018 15:13:30

Band4_20MHz_16QAM_20300_1RB#0



7. Field Strength of Spurious Radiation

7.1. Test BAND = LTE BAND 4

7.1.1. Test Mode = LTE/TM1 20MHz

7.1.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
109.850000	-81.08	-13.00	68.08	Vertical
280.000000	-84.54	-13.00	71.54	Vertical
3421.850000	-48.90	-13.00	35.90	Vertical
5132.975000	-54.50	-13.00	41.50	Vertical
7941.625000	-63.93	-13.00	50.93	Vertical
11220.550000	-63.72	-13.00	50.72	Vertical
183.650000	-78.54	-13.00	65.54	Horizontal
282.300000	-77.82	-13.00	64.82	Horizontal
3422.175000	-49.69	-13.00	36.69	Horizontal
5132.975000	-54.12	-13.00	41.12	Horizontal
7862.325000	-64.06	-13.00	51.06	Horizontal
11259.550000	-64.08	-13.00	51.08	Horizontal

7.1.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
108.500000	-79.81	-13.00	66.81	Vertical
280.850000	-82.62	-13.00	69.62	Vertical
3447.200000	-46.77	-13.00	33.77	Vertical
5171.000000	-54.56	-13.00	41.56	Vertical
7958.200000	-63.77	-13.00	50.77	Vertical
11237.450000	-63.97	-13.00	50.97	Vertical
62.350000	-77.36	-13.00	64.36	Horizontal
183.250000	-78.68	-13.00	65.68	Horizontal
3446.875000	-47.76	-13.00	34.76	Horizontal
5170.675000	-54.86	-13.00	41.86	Horizontal
7962.100000	-63.84	-13.00	50.84	Horizontal
10643.350000	-63.40	-13.00	50.40	Horizontal

7.1.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
109.000000	-81.10	-13.00	68.10	Vertical
280.650000	-83.77	-13.00	70.77	Vertical
3471.900000	-49.32	-13.00	36.32	Vertical
5208.050000	-58.45	-13.00	45.45	Vertical
7902.300000	-64.14	-13.00	51.14	Vertical
11868.275000	-64.02	-13.00	51.02	Vertical
61.350000	-79.10	-13.00	66.10	Horizontal
281.300000	-77.59	-13.00	64.59	Horizontal
3471.900000	-47.64	-13.00	34.64	Horizontal
5208.050000	-57.52	-13.00	44.52	Horizontal
7488.250000	-65.23	-13.00	52.23	Horizontal
10624.175000	-63.31	-13.00	50.31	Horizontal

Remark:

- 1) The disturbance above 12.75GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data had been displayed.
- 2) We have tested all modulation and all Bandwidth , but only the worst case data presented in this report.

8. Frequency Stability

8.1. Frequency Vs Voltage

Voltage										
BAND	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	VL	NT	-8.50	-0.004942	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	0.40	0.000233	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	-0.80	-0.000465	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	9.50	0.005483	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	-3.30	-0.001905	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	9.70	0.005599	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	-7.90	-0.004527	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	-8.90	-0.005100	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	-6.80	-0.003897	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VL	NT	-1.30	-0.000756	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VN	NT	-8.90	-0.005174	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VH	NT	-10.90	-0.006337	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VL	NT	-4.10	-0.002367	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VN	NT	-7.90	-0.004560	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VH	NT	-4.50	-0.002597	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VL	NT	-4.80	-0.002751	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VN	NT	-17.80	-0.010201	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VH	NT	-3.30	-0.001891	±2.5	PASS

8.2. Frequency Vs Temperature

Temperature										
BAND	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	NV	-30	6.80	0.003953	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	-8.90	-0.005174	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	-10.40	-0.006047	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	1.50	0.000872	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	-0.20	-0.000116	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	30	-9.10	-0.005291	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	40	-11.10	-0.006453	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	50	-11.80	-0.006860	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	-4.40	-0.002540	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	3.40	0.001962	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	-13.90	-0.008023	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	-0.80	-0.000462	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	-1.00	-0.000577	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	-4.80	-0.002771	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	0.20	0.000115	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	-10.20	-0.005887	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	-7.60	-0.004355	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	-8.00	-0.004585	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	-3.20	-0.001834	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	0.90	0.000516	±2.5	PASS



Band4	20MHz	QPSK	20300	100RB#0	NV	20	17.60	0.010086	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	30	-6.00	-0.003438	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	40	8.50	0.004871	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	50	-17.20	-0.009857	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-30	-14.60	-0.008488	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-20	-8.70	-0.005058	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	0	-11.60	-0.006744	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	10	-14.40	-0.008372	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	20	-8.60	-0.005000	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	30	-9.80	-0.005698	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	40	-18.20	-0.010581	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	50	-10.70	-0.006221	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-30	-9.20	-0.005310	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-20	4.10	0.002367	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	0	-2.20	-0.001270	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	10	6.40	0.003694	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	-5.70	-0.003290	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	30	5.00	0.002886	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	40	-2.70	-0.001558	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	50	-7.70	-0.004444	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-30	2.70	0.001547	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-20	-3.60	-0.002063	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	0	6.80	0.003897	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	10	-3.00	-0.001719	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	20	-5.70	-0.003266	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	30	-2.70	-0.001547	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	40	5.00	0.002865	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	50	-10.80	-0.006189	±2.5	PASS

The End