



Appendix B

E-UTRA Band 4



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.61	22.11	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.61	22.11	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.62	22.12	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.61	22.11	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.64	22.14	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.62	22.12	30.00	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.79	21.29	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.48	21.98	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.63	22.13	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.58	22.08	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.67	22.17	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.65	22.15	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.64	22.14	30.00	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.71	21.21	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.49	21.99	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.61	22.11	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.56	22.06	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.65	22.15	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.59	22.09	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.54	22.04	30.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.59	21.09	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.6	21.1	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.1	21.6	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.94	21.44	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.42	20.92	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.63	21.13	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.55	21.05	30.00	PASS



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Band4	1.4MHz	16QAM	19957	6RB#0	20.62	20.12	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.82	21.32	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.89	21.39	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.88	21.38	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.66	21.16	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.58	21.08	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.48	20.98	30.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.5	20	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.63	21.13	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.85	21.35	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.01	21.51	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.61	21.11	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.46	20.96	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.72	21.22	30.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.7	20.2	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.67	22.17	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.67	22.17	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.56	22.06	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.66	21.16	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.6	21.1	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.71	21.21	30.00	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.72	21.22	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.55	22.05	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.69	22.19	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.65	22.15	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.65	21.15	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.63	21.13	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.67	21.17	30.00	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.61	21.11	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.63	22.13	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.62	22.12	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.68	22.18	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.65	21.15	30.00	PASS



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Band4	3MHz	QPSK	20385	8RB#0	21.73	21.23	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.65	21.15	30.00	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.67	21.17	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.48	20.98	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.83	21.33	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.76	21.26	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.6	20.1	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.69	20.19	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.7	20.2	30.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.86	20.36	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.76	21.26	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.85	21.35	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.9	21.4	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.55	20.05	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.75	20.25	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.63	20.13	30.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.52	20.02	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.13	21.63	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.77	21.27	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.57	21.07	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.83	20.33	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.71	20.21	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.77	20.27	30.00	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.71	20.21	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.51	22.01	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.67	22.17	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.57	22.07	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.63	21.13	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.68	21.18	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.61	21.11	30.00	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.66	21.16	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.44	21.94	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.64	22.14	30.00	PASS



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Band4	5MHz	QPSK	20175	1RB#12	22.5	22	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.61	21.11	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.63	21.13	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.6	21.1	30.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.57	21.07	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.5	22	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.65	22.15	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.57	22.07	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.68	21.18	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.68	21.18	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.65	21.15	30.00	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.77	21.27	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.68	21.18	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#12	22	21.5	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.41	20.91	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.69	20.19	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.63	20.13	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.6	20.1	30.00	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.67	20.17	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.93	21.43	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.82	21.32	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.51	21.01	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.7	20.2	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.74	20.24	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.6	20.1	30.00	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.63	20.13	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.86	21.36	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.69	21.19	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.64	21.14	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.68	20.18	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.64	20.14	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.61	20.11	30.00	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.72	20.22	30.00	PASS



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Band4	10MHz	QPSK	20000	1RB#0	22.52	22.02	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.67	22.17	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.54	22.04	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.72	21.22	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.71	21.21	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.65	21.15	30.00	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.74	21.24	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.71	22.21	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.65	22.15	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.59	22.09	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.69	21.19	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.64	21.14	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.66	21.16	30.00	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.71	21.21	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.69	22.19	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.64	22.14	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.57	22.07	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.74	21.24	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.67	21.17	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.73	21.23	30.00	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.74	21.24	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.15	21.65	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.61	21.11	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.67	21.17	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.81	20.31	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.7	20.2	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.79	20.29	30.00	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.65	20.15	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.68	21.18	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.91	21.41	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.53	21.03	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.74	20.24	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.65	20.15	30.00	PASS



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Band4	10MHz	16QAM	20175	25RB#0	20.75	20.25	30.00	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.67	20.17	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.56	21.06	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.08	21.58	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.48	20.98	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.71	20.21	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.64	20.14	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.82	20.32	30.00	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.72	20.22	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.56	22.06	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.67	22.17	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.45	21.95	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#39	21.67	21.17	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#18	21.69	21.19	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#0	21.67	21.17	30.00	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.74	21.24	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.59	22.09	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.68	22.18	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.51	22.01	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#0	21.68	21.18	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#39	21.7	21.2	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#18	21.68	21.18	30.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.67	21.17	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.59	22.09	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.55	22.05	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.52	22.02	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#18	21.74	21.24	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#0	21.71	21.21	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#39	21.74	21.24	30.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.64	21.14	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.01	21.51	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.81	21.31	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.53	21.03	30.00	PASS



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Band4	15MHz	16QAM	20025	36RB#0	20.76	20.26	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#39	20.67	20.17	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#18	20.7	20.2	30.00	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.64	20.14	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.6	21.1	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.03	21.53	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.91	21.41	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#18	20.71	20.21	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#0	20.69	20.19	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#39	20.69	20.19	30.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.68	20.18	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.58	21.08	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.77	21.27	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.49	20.99	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#0	20.72	20.22	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#39	20.71	20.21	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#18	20.6	20.1	30.00	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.63	20.13	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.54	22.04	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.29	21.79	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.09	21.59	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.35	20.85	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.64	21.14	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.22	20.72	30.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.26	20.76	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.49	21.99	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.64	22.14	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.11	21.61	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.63	21.13	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.71	21.21	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.7	21.2	30.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.71	21.21	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.48	21.98	30.00	PASS



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Band4	20MHz	QPSK	20300	1RB#49	22.63	22.13	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.13	21.63	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.64	21.14	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.63	21.13	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.62	21.12	30.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.55	21.05	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.15	20.65	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.62	21.12	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.39	20.89	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.3	19.8	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.3	19.8	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.27	19.77	30.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.23	19.73	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.16	20.66	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.78	21.28	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.39	20.89	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.18	19.68	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.73	20.23	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.24	19.74	30.00	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.22	19.72	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.01	20.51	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.37	20.87	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.14	20.64	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.18	19.68	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.63	20.13	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.18	19.68	30.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.66	20.16	30.00	PASS

Remark:

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

$$ERP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBd]}$$

$$EIRP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBi]}$$



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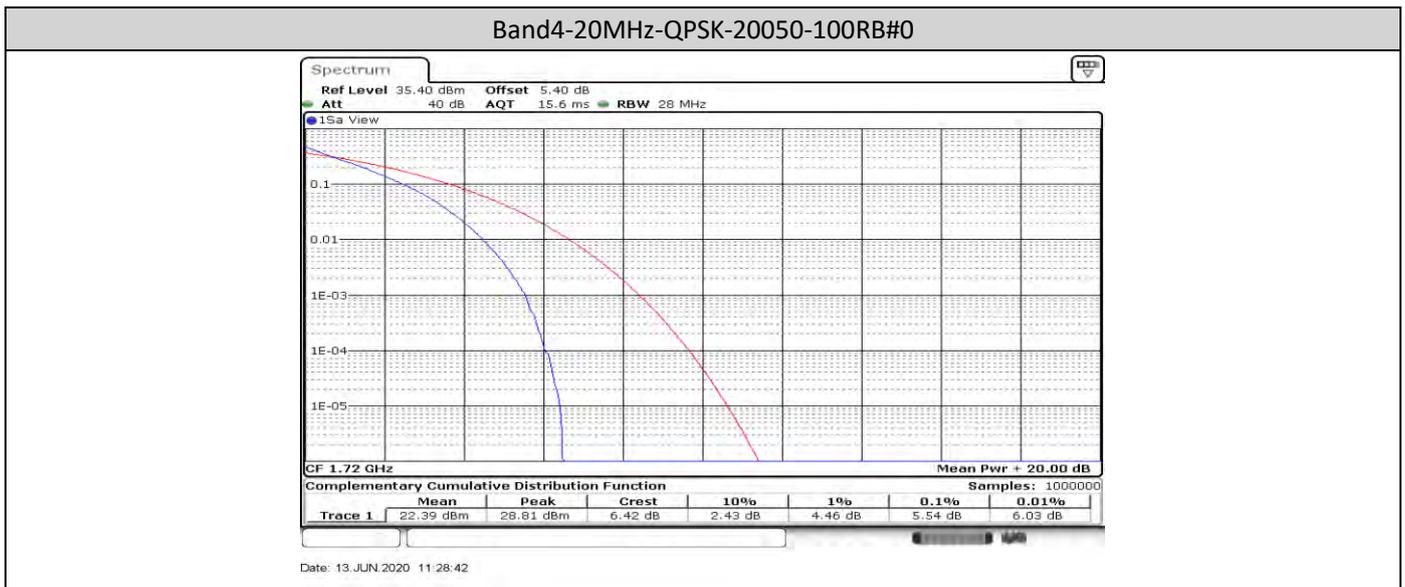


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	5.54	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.42	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.33	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.29	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.20	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.06	13	PASS

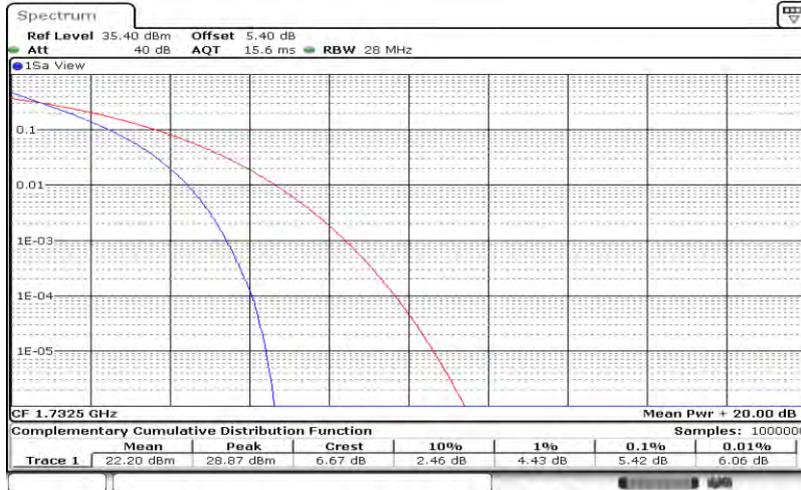
2.2. Test Plots



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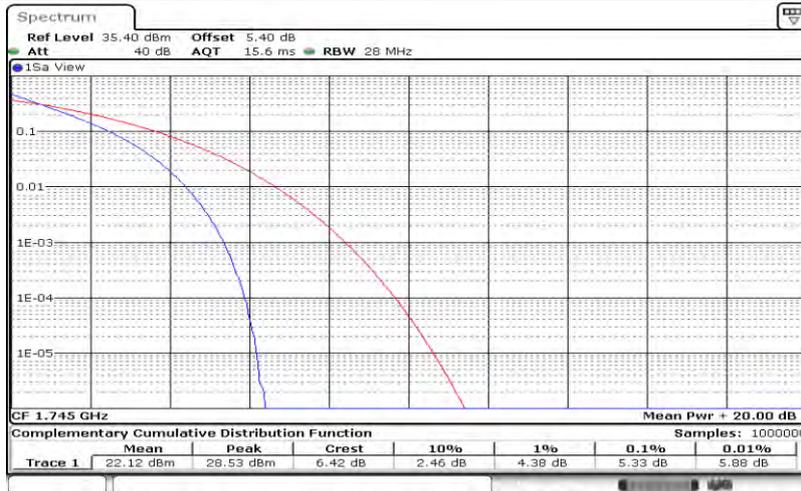
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Band4-20MHz-QPSK-20175-100RB#0



Date: 13 JUN 2020 11:29:05

Band4-20MHz-QPSK-20300-100RB#0

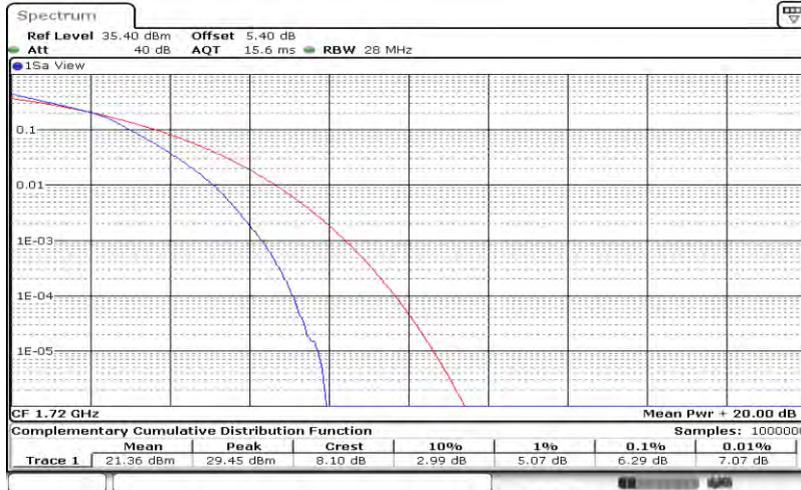


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Band4-20MHz-16QAM-20050-100RB#0



Date: 13 JUN 2020 11:28:54

Band4-20MHz-16QAM-20175-100RB#0



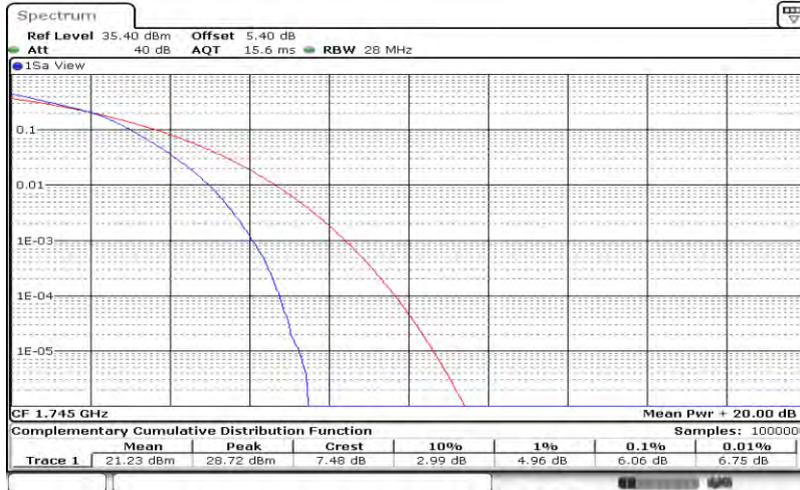
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Band4-20MHz-16QAM-20300-100RB#0



Date: 13 JUN 2020 11:29:38

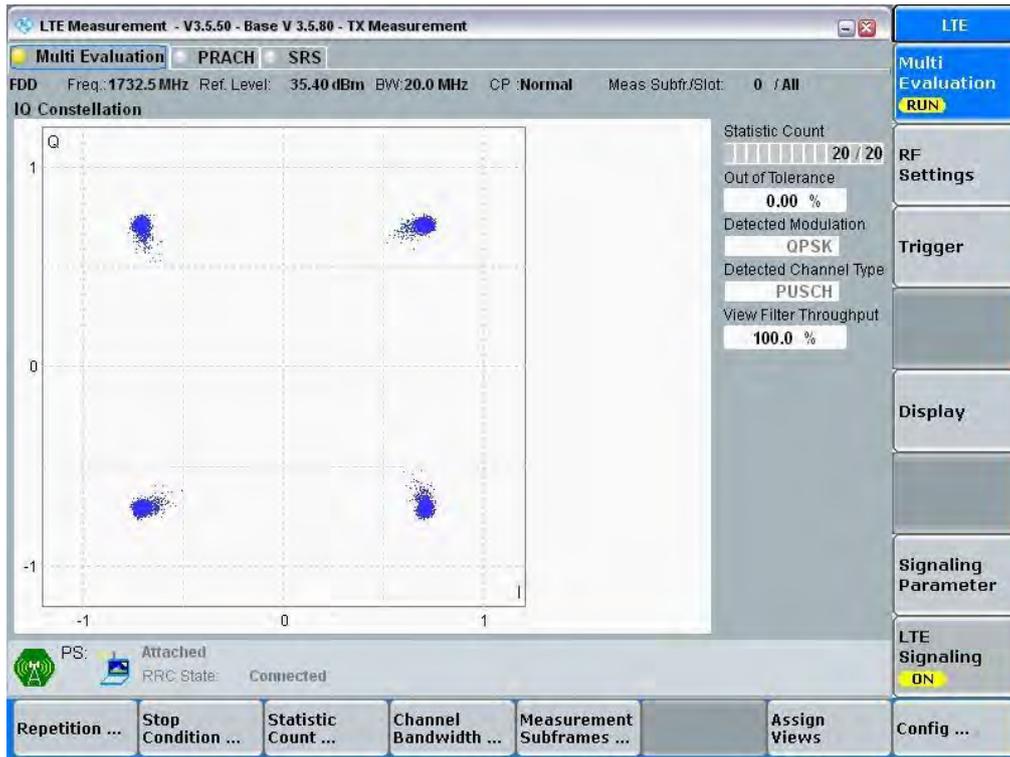


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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

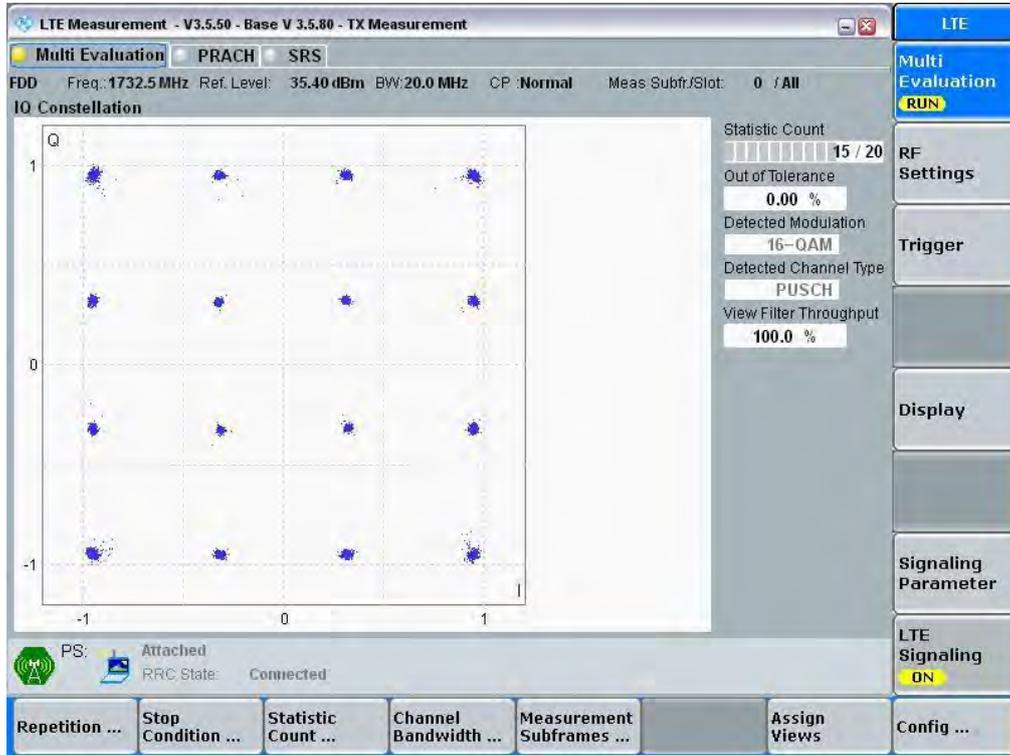
3.1.1. Test Channel = MCH



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3.2. Test Mode = LTE /TM2 20MHz

3.2.1. Test Channel = MCH



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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	1.088	1.281	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.091	1.281	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.091	1.302	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.091	1.293	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.082	1.275	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.091	1.326	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.691	2.916	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.685	2.946	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.691	2.886	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.679	2.874	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.673	2.904	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.679	2.922	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.466	4.720	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.476	4.760	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.466	4.830	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.476	4.740	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.476	4.870	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.486	4.790	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.971	9.440	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.971	9.540	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.971	9.500	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.911	9.620	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.931	9.640	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.931	9.660	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.487	14.700	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.457	14.580	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.457	14.730	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.606	14.550	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.576	14.520	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.576	14.580	PASS
Band4	20MHz	QPSK	20050	100RB#0	18.022	19.200	PASS



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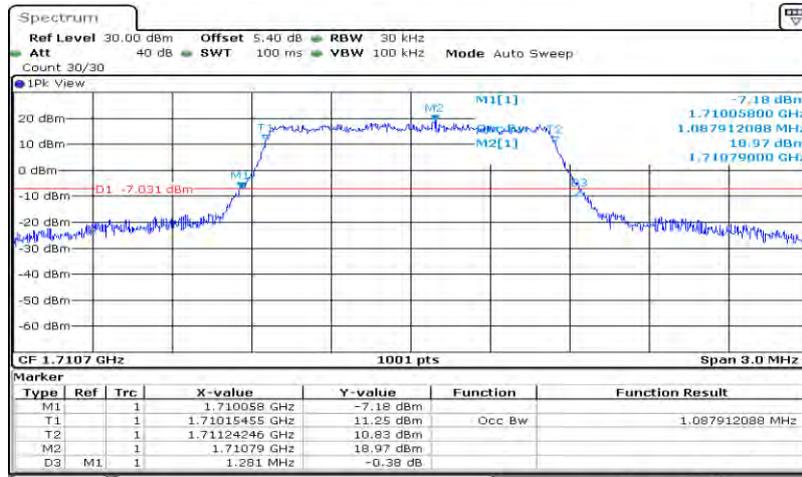
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Band4	20MHz	QPSK	20175	100RB#0	18.062	19.040	PASS
Band4	20MHz	QPSK	20300	100RB#0	18.062	19.080	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.902	19.320	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.902	19.280	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.902	19.360	PASS

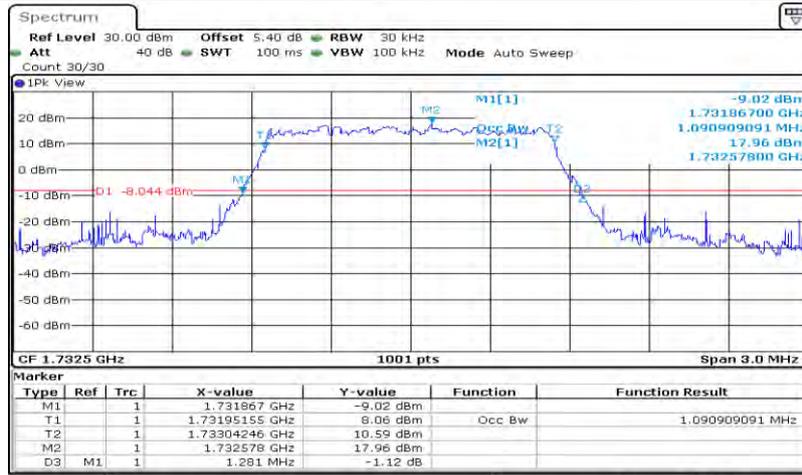
4.2. Test Plots

Band4-1.4MHz-QPSK-19957-6RB#0-1.088



Date: 13 JUN 2020 10:59:07

Band4-1.4MHz-QPSK-20175-6RB#0-1.091



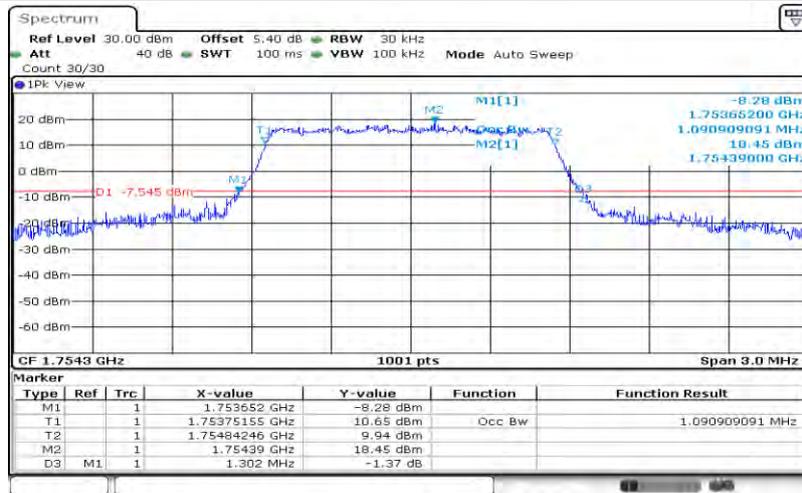
Date: 13 JUN 2020 10:59:33



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Band4-1.4MHz-QPSK-20393-6RB#0-1.091



Date: 13 JUN 2020 10:59:59

Band4-1.4MHz-16QAM-19957-6RB#0-1.091



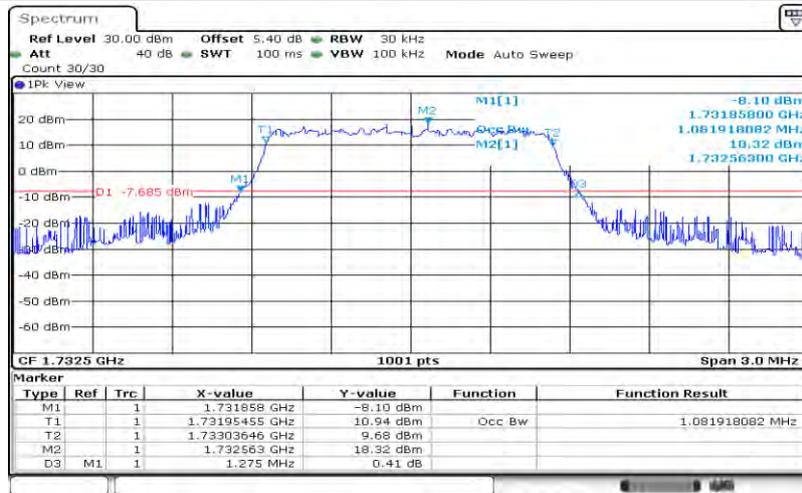
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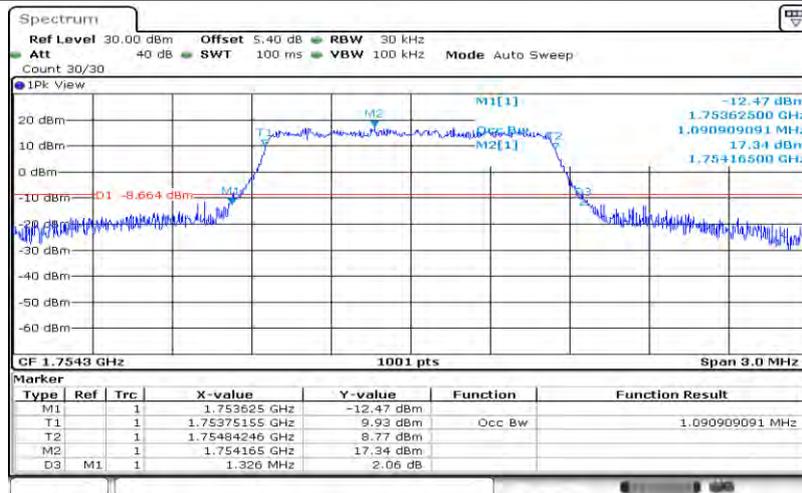


Band4-1.4MHz-16QAM-20175-6RB#0-1.082



Date: 13 JUN 2020 10:59:46

Band4-1.4MHz-16QAM-20393-6RB#0-1.091



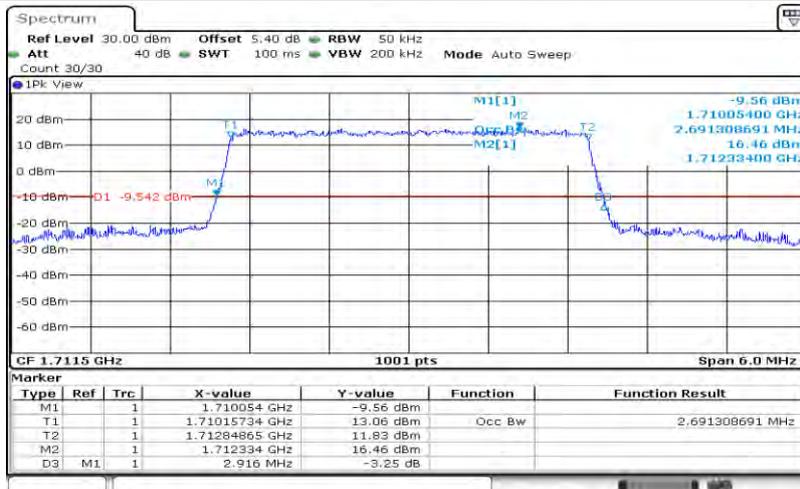
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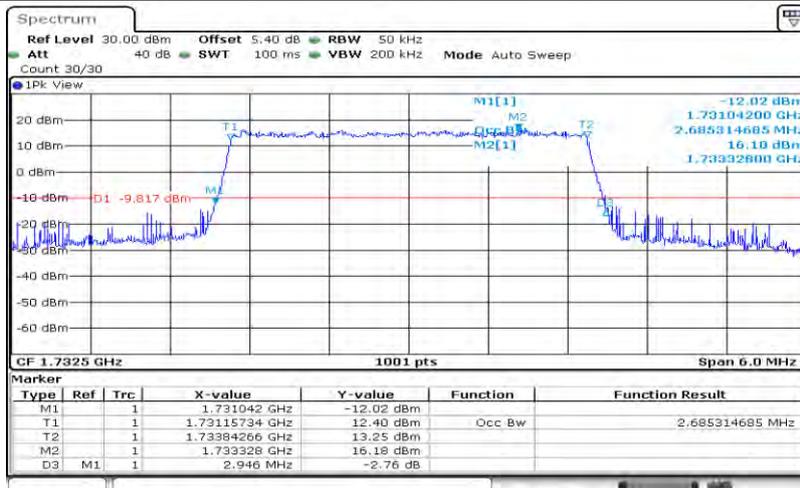


Band4-3MHz-QPSK-19965-15RB#0-2.691



Date: 13 JUN 2020 11:00:29

Band4-3MHz-QPSK-20175-15RB#0-2.685



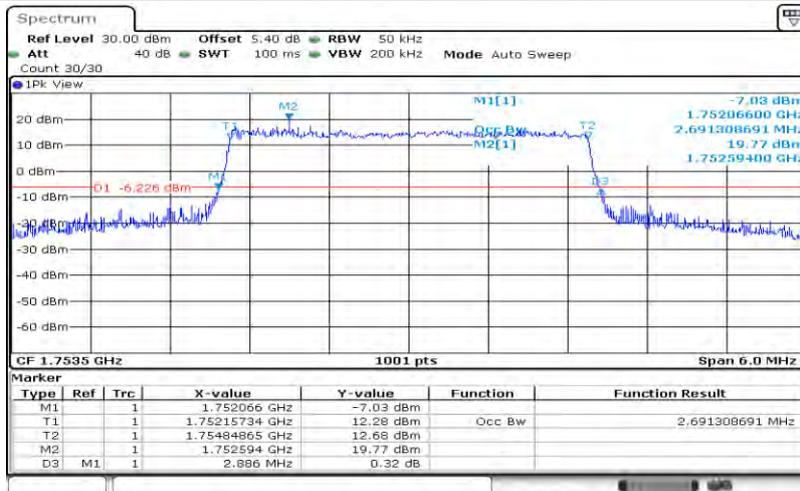
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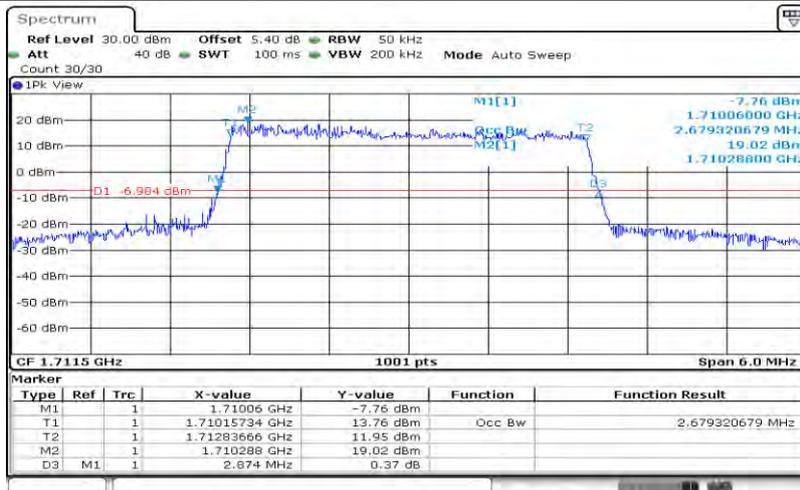


Band4-3MHz-QPSK-20385-15RB#0-2.691



Date: 13 JUN 2020 11:01:20

Band4-3MHz-16QAM-19965-15RB#0-2.679



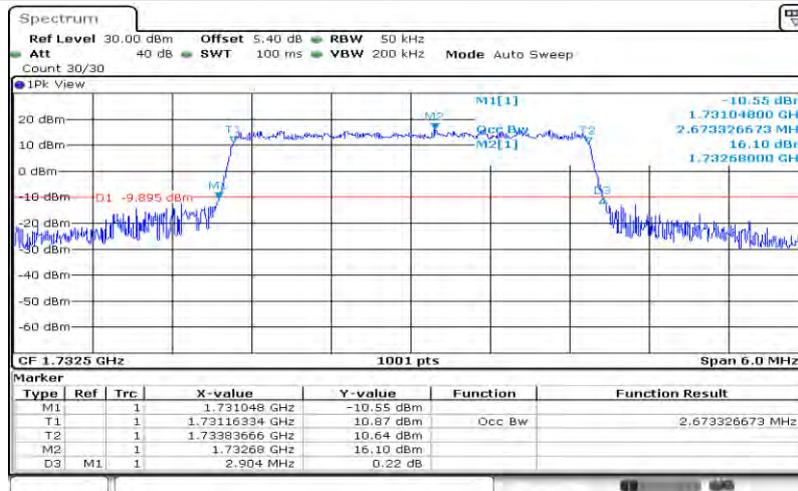
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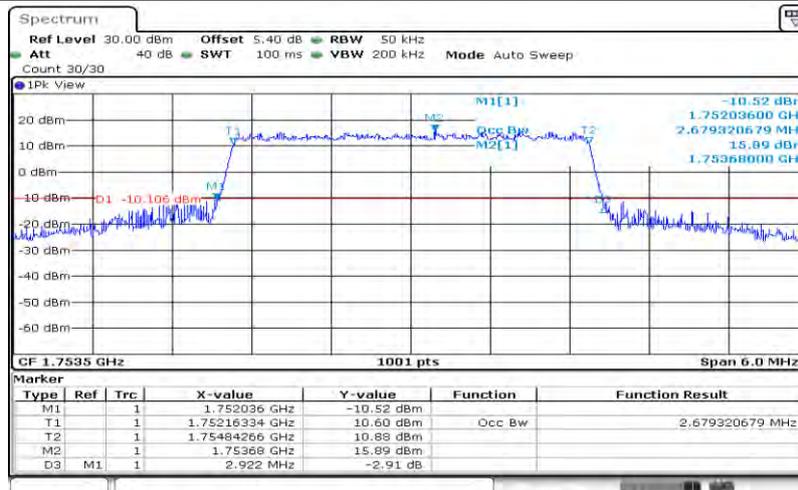


Band4-3MHz-16QAM-20175-15RB#0-2.673



Date: 13 JUN 2020 11:01:07

Band4-3MHz-16QAM-20385-15RB#0-2.679

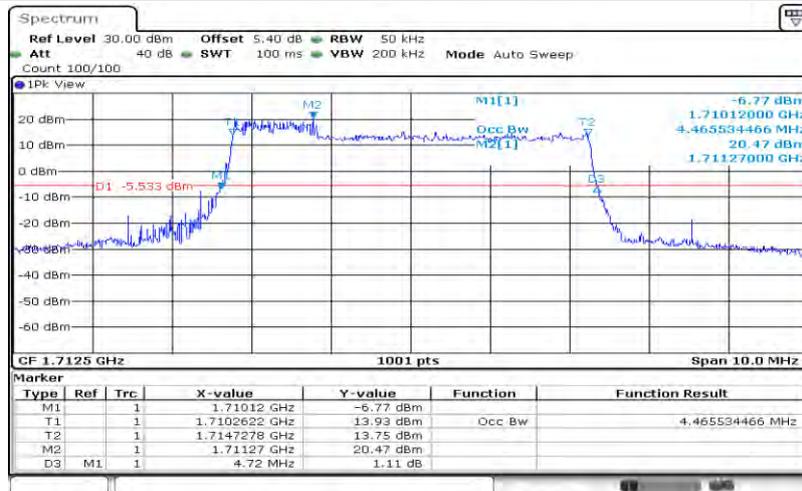


Date: 13 JUN 2020 11:01:33



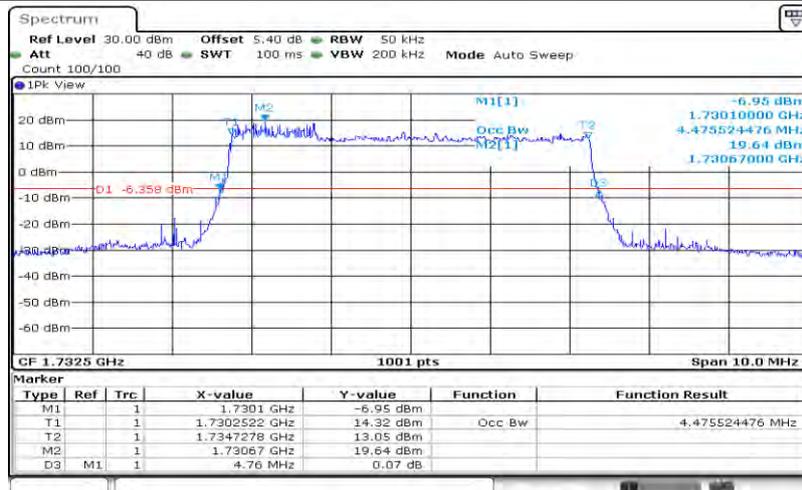
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Band4-5MHz-QPSK-19975-25RB#0-4.466



Date: 13 JUN 2020 11:01:57

Band4-5MHz-QPSK-20175-25RB#0-4.476

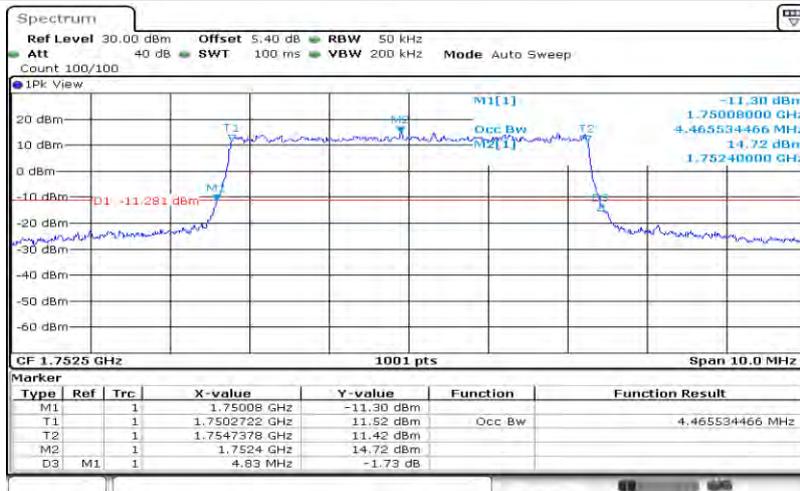


Date: 13 JUN 2020 11:02:36



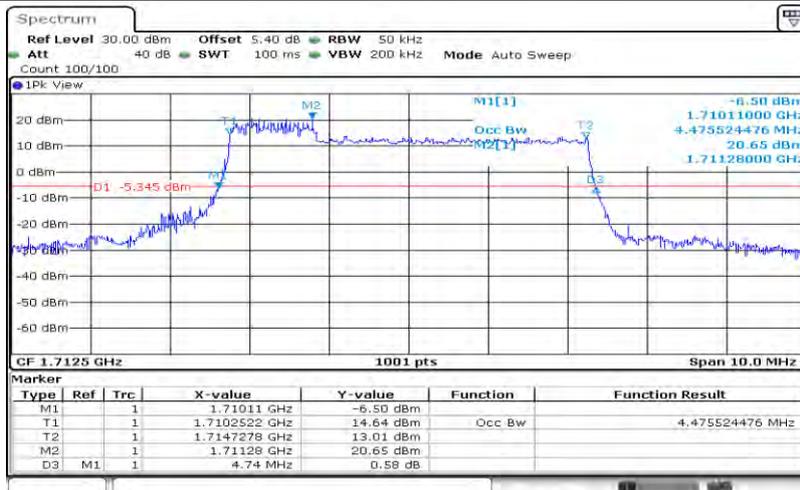
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Band4-5MHz-QPSK-20375-25RB#0-4.466



Date: 13 JUN 2020 11:03:16

Band4-5MHz-16QAM-19975-25RB#0-4.476

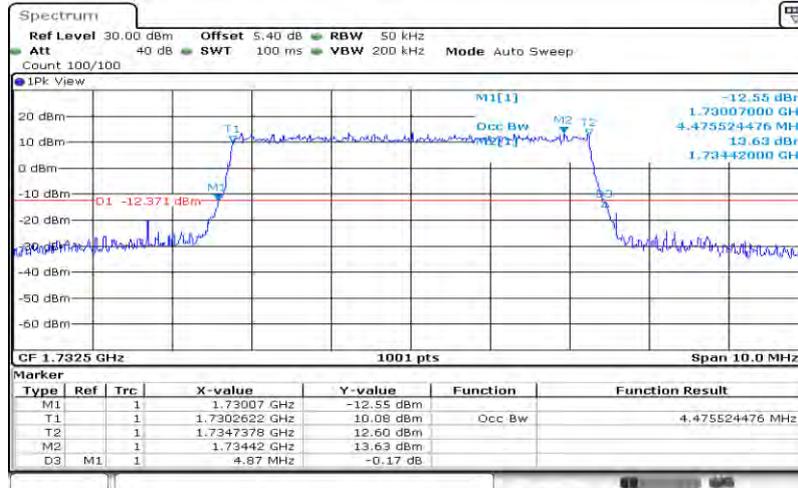


Date: 13 JUN 2020 11:02:17



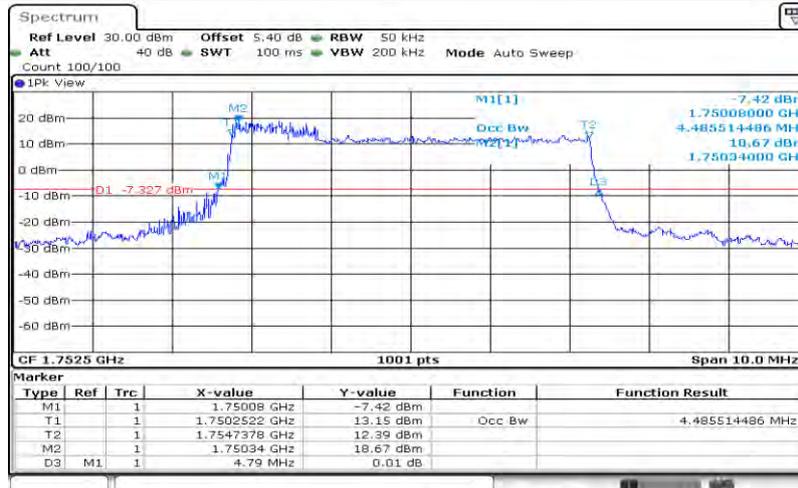
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Band4-5MHz-16QAM-20175-25RB#0-4.476



Date: 13 JUN 2020 11:02:56

Band4-5MHz-16QAM-20375-25RB#0-4.486

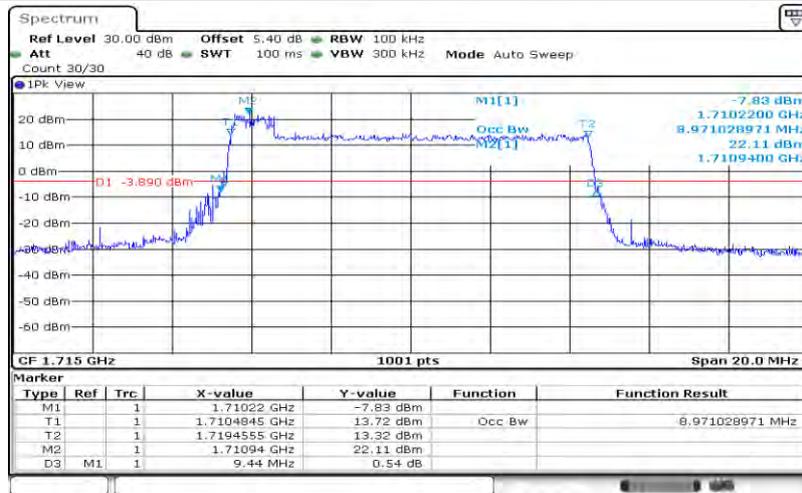


Date: 13 JUN 2020 11:03:35



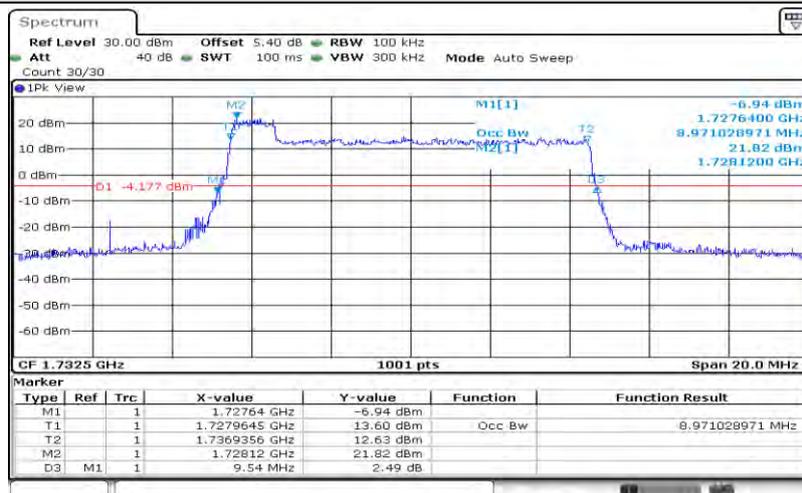
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Band4-10MHz-QPSK-20000-50RB#0-8.971



Date: 13 JUN 2020 11:03:53

Band4-10MHz-QPSK-20175-50RB#0-8.971

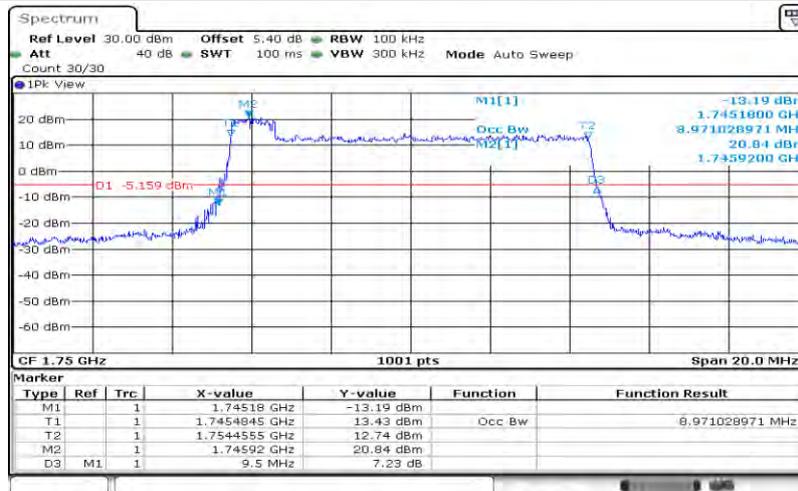


Date: 13 JUN 2020 11:04:18



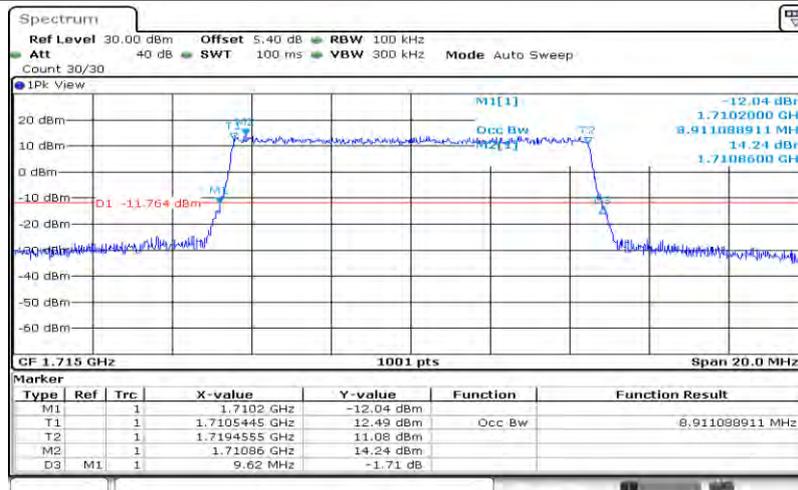
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Band4-10MHz-QPSK-20350-50RB#0-8.971



Date: 13 JUN 2020 11:04:44

Band4-10MHz-16QAM-20000-50RB#0-8.911

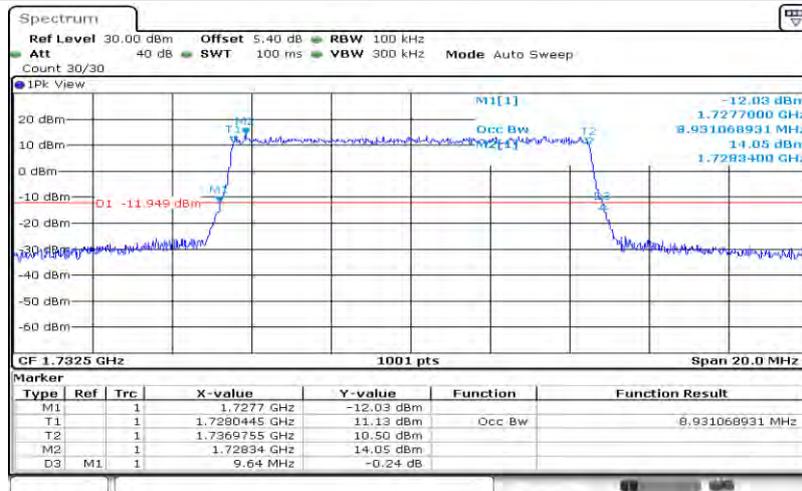


Date: 13 JUN 2020 11:04:05



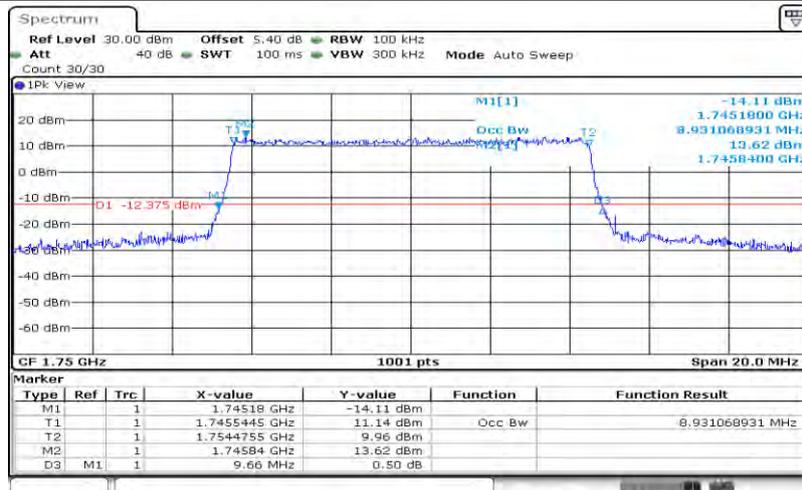
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Band4-10MHz-16QAM-20175-50RB#0-8.931



Date: 13 JUN 2020 11:04:31

Band4-10MHz-16QAM-20350-50RB#0-8.931

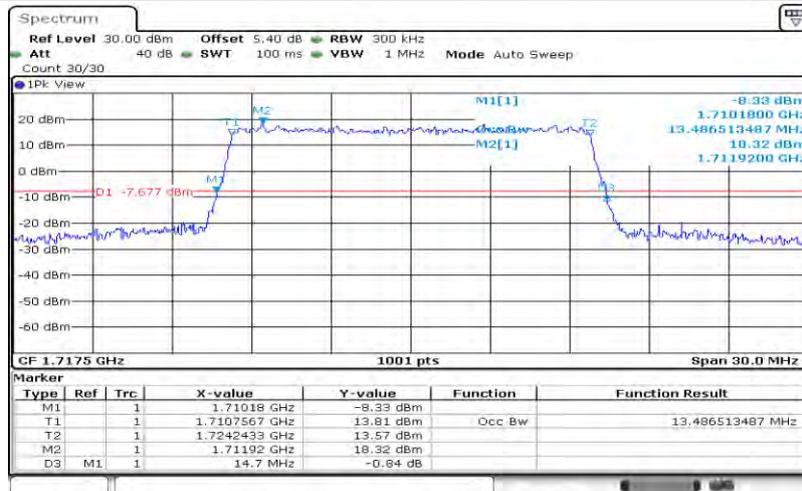


Date: 13 JUN 2020 11:04:56



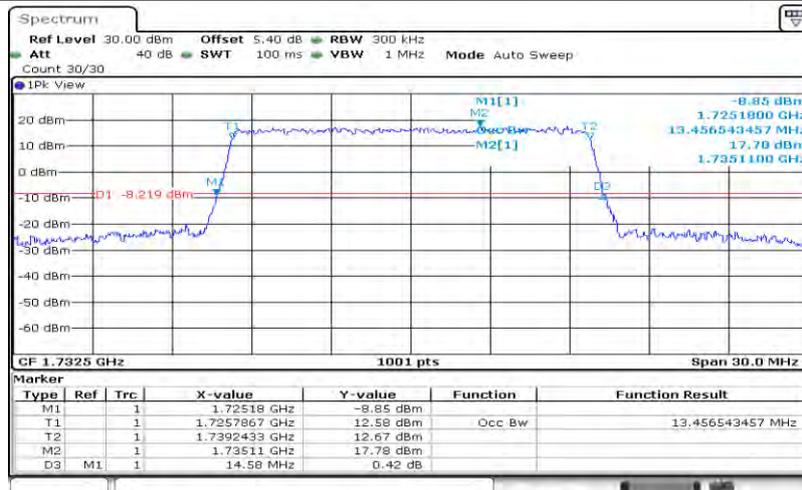
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Band4-15MHz-QPSK-20025-75RB#0-13.487



Date: 13 JUN 2020 11:05:14

Band4-15MHz-QPSK-20175-75RB#0-13.457



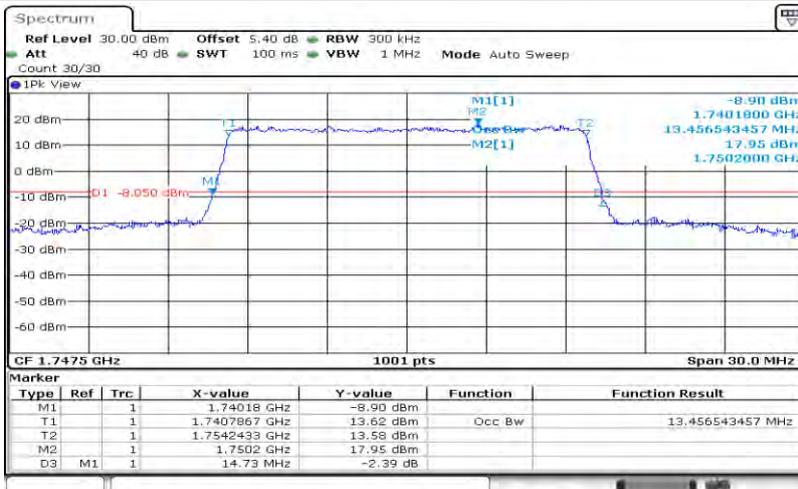
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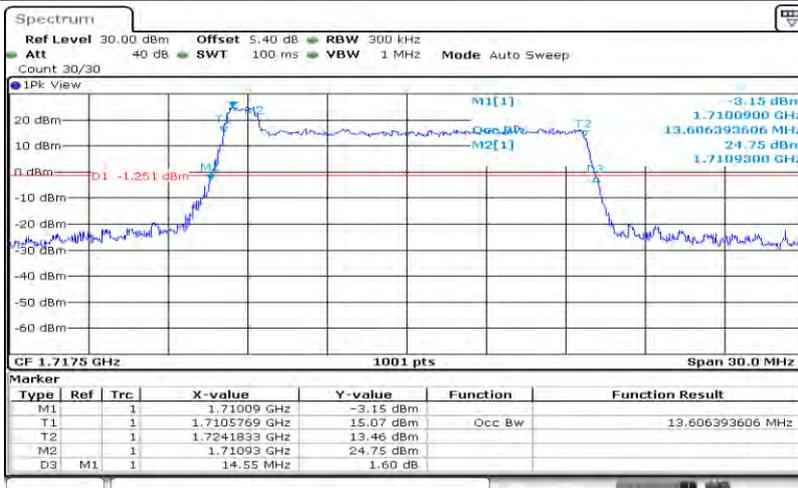


Band4-15MHz-QPSK-20325-75RB#0-13.457



Date: 13 JUN 2020 11:06:05

Band4-15MHz-16QAM-20025-75RB#0-13.606



Date: 13 JUN 2020 11:05:26



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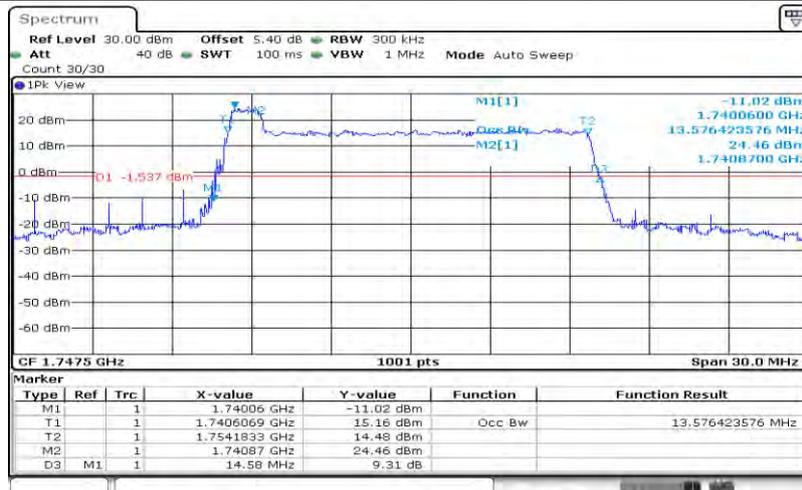


Band4-15MHz-16QAM-20175-75RB#0-13.576



Date: 13 JUN 2020 11:05:52

Band4-15MHz-16QAM-20325-75RB#0-13.576



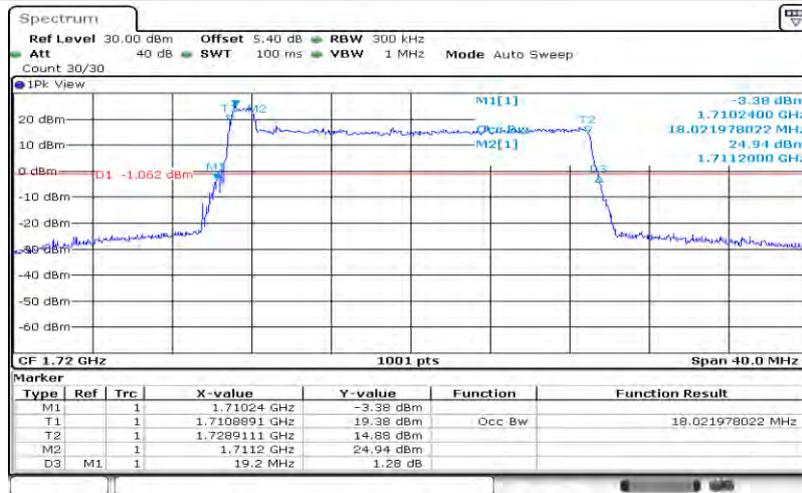
Date: 13 JUN 2020 11:06:17



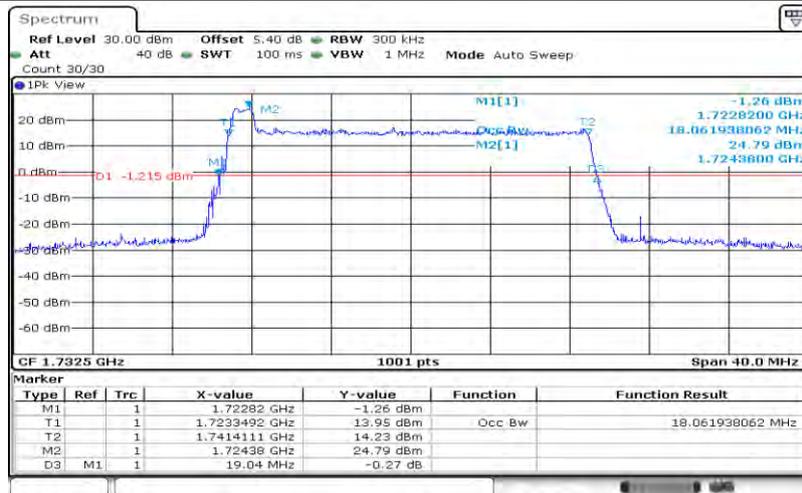
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Band4-20MHz-QPSK-20050-100RB#0-18.022



Band4-20MHz-QPSK-20175-100RB#0-18.062



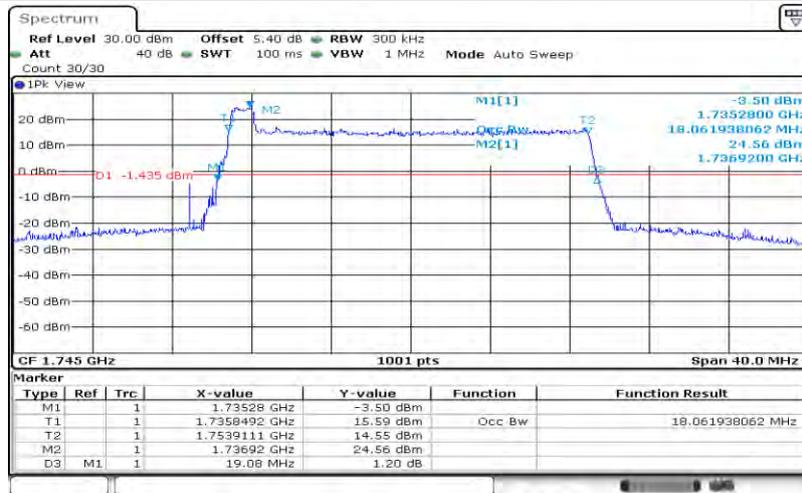
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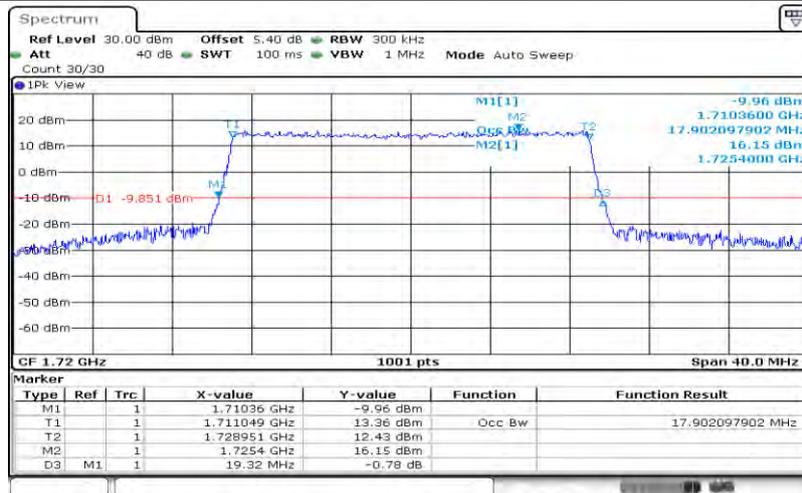


Band4-20MHz-QPSK-20300-100RB#0-18.062



Date: 13 JUN 2020 11:07:25

Band4-20MHz-16QAM-20050-100RB#0-17.902

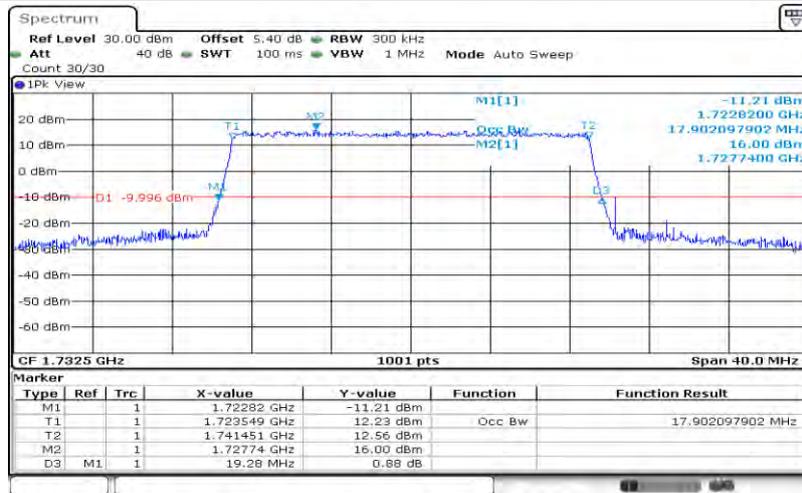


Date: 13 JUN 2020 11:06:47



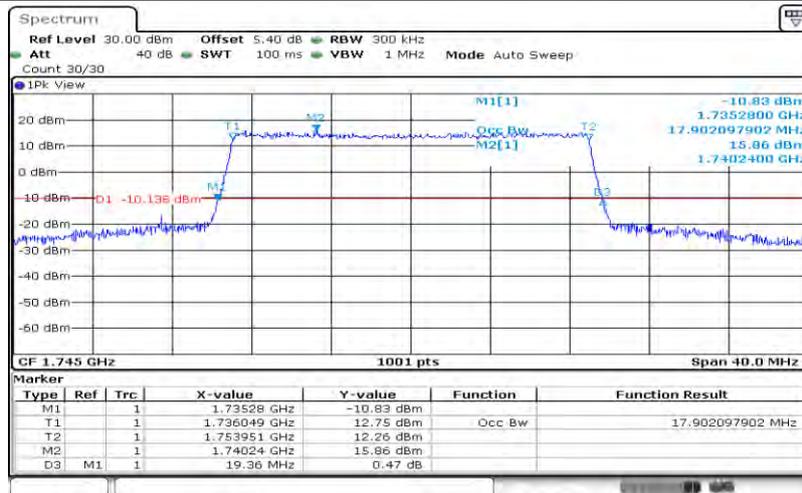
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Band4-20MHz-16QAM-20175-100RB#0-17.902



Date: 13 JUN 2020 11:07:13

Band4-20MHz-16QAM-20300-100RB#0-17.902



Date: 13 JUN 2020 11:07:38

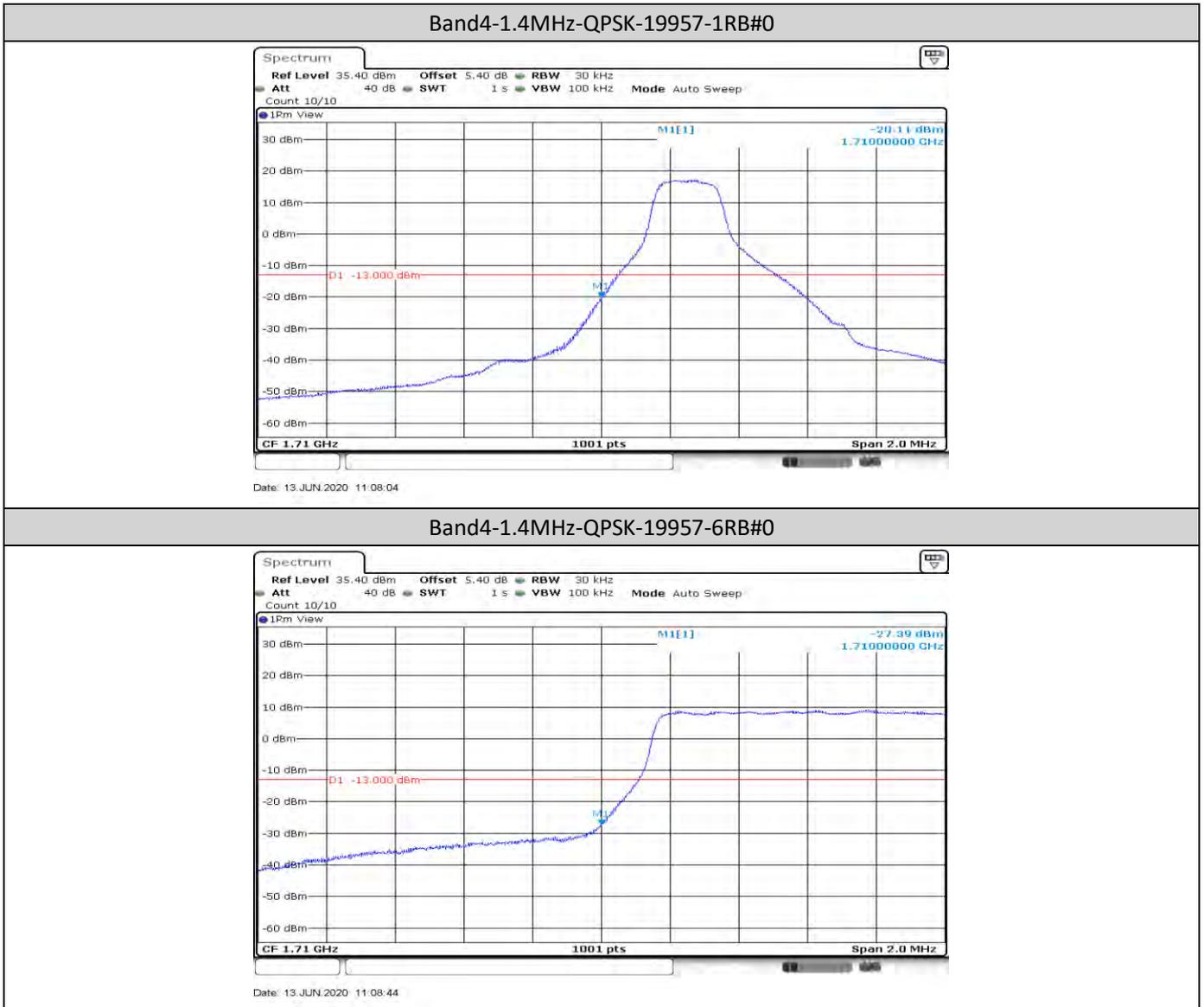


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5. Band Edge Compliance

5.1. Test Plots



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Band4-1.4MHz-QPSK-20393-1RB#5



Date: 13 JUN 2020 11:09:30

Band4-1.4MHz-QPSK-20393-6RB#0



Date: 13 JUN 2020 11:10:11



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Band4-1.4MHz-16QAM-19957-1RB#0



Date: 13 JUN 2020 11:08:24

Band4-1.4MHz-16QAM-19957-6RB#0



Date: 13 JUN 2020 11:09:05



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Band4-1.4MHz-16QAM-20393-1RB#5



Date: 13 JUN 2020 11:09:50

Band4-1.4MHz-16QAM-20393-6RB#0



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Band4-3MHz-QPSK-19965-1RB#0



Date: 13 JUN 2020 11:10:57

Band4-3MHz-QPSK-19965-15RB#0



Date: 13 JUN 2020 11:11:38



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Band4-3MHz-QPSK-20385-1RB#14



Date: 13 JUN 2020 11:12:23

Band4-3MHz-QPSK-20385-15RB#0



Date: 13 JUN 2020 11:13:04



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Band4-3MHz-16QAM-19965-1RB#0



Date: 13 JUN 2020 11:11:17

Band4-3MHz-16QAM-19965-15RB#0



Date: 13 JUN 2020 11:11:58



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Band4-3MHz-16QAM-20385-1RB#14



Date: 13 JUN 2020 11:12:44

Band4-3MHz-16QAM-20385-15RB#0



Date: 13 JUN 2020 11:13:25

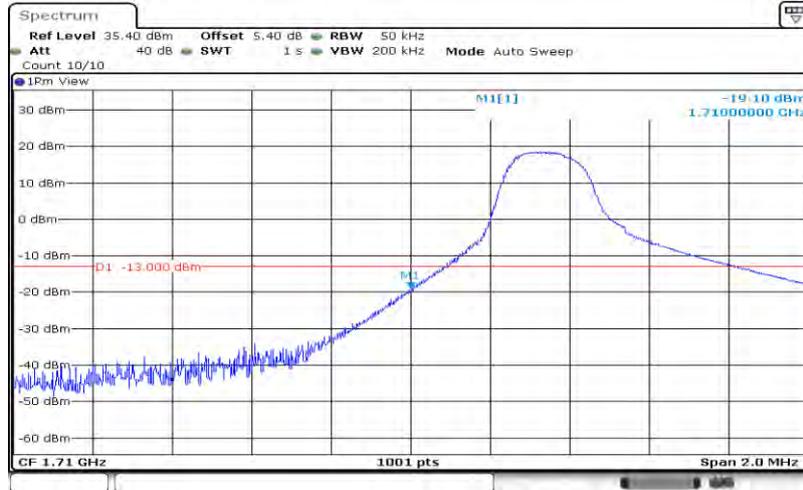


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Band4-5MHz-QPSK-19975-1RB#0



Date: 13 JUN 2020 11:13:50

Band4-5MHz-QPSK-19975-25RB#0



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Band4-5MHz-QPSK-20375-1RB#24



Band4-5MHz-QPSK-20375-25RB#0

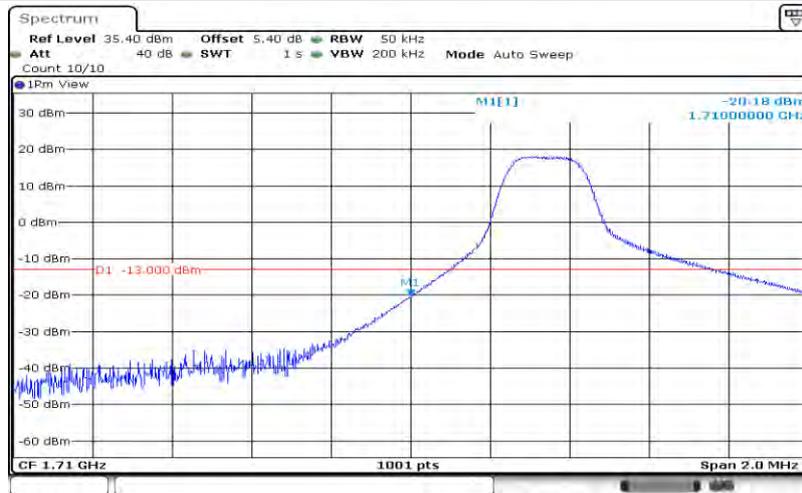


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Band4-5MHz-16QAM-19975-1RB#0



Date: 13 JUN 2020 11:14:10

Band4-5MHz-16QAM-19975-25RB#0



Date: 13 JUN 2020 11:14:51



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Band4-5MHz-16QAM-20375-1RB#24



Date: 13 JUN 2020 11:15:36

Band4-5MHz-16QAM-20375-25RB#0



Date: 13 JUN 2020 11:16:17



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Band4-10MHz-QPSK-20000-1RB#0



Date: 13 JUN 2020 11:16:42

Band4-10MHz-QPSK-20000-50RB#0

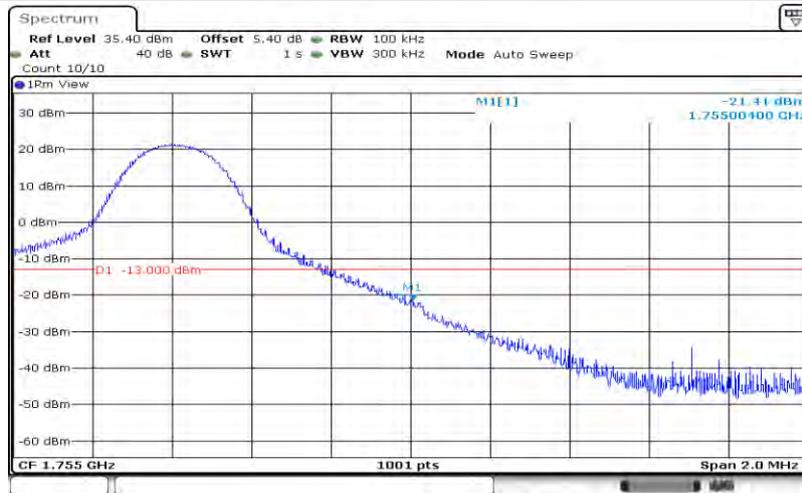


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Band4-10MHz-QPSK-20350-1RB#49



Date: 13 JUN 2020 11:18:08

Band4-10MHz-QPSK-20350-50RB#0



Date: 13 JUN 2020 11:18:49



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Band4-10MHz-16QAM-20000-1RB#0



Date: 13 JUN 2020 11:17:03

Band4-10MHz-16QAM-20000-50RB#0



Date: 13 JUN 2020 11:17:43



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Band4-10MHz-16QAM-20350-1RB#49



Band4-10MHz-16QAM-20350-50RB#0



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Band4-15MHz-QPSK-20025-1RB#0



Date: 13 JUN 2020 11:19:35

Band4-15MHz-QPSK-20025-75RB#0



Date: 13 JUN 2020 11:20:15



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Band4-15MHz-QPSK-20325-1RB#74



Date: 13 JUN 2020 11:21:01

Band4-15MHz-QPSK-20325-75RB#0



Date: 13 JUN 2020 11:21:41



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Band4-15MHz-16QAM-20025-1RB#0



Date: 13 JUN 2020 11:19:55

Band4-15MHz-16QAM-20025-75RB#0



Date: 13 JUN 2020 11:20:36



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Band4-15MHz-16QAM-20325-1RB#74



Date: 13 JUN 2020 11:21:21

Band4-15MHz-16QAM-20325-75RB#0



Date: 13 JUN 2020 11:22:02



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Band4-20MHz-QPSK-20050-1RB#0



Date: 13 JUN 2020 11:22:27

Band4-20MHz-QPSK-20050-100RB#0



Date: 13 JUN 2020 11:23:08



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Band4-20MHz-QPSK-20300-1RB#99



Date: 13 JUN 2020 11:23:53

Band4-20MHz-QPSK-20300-100RB#0

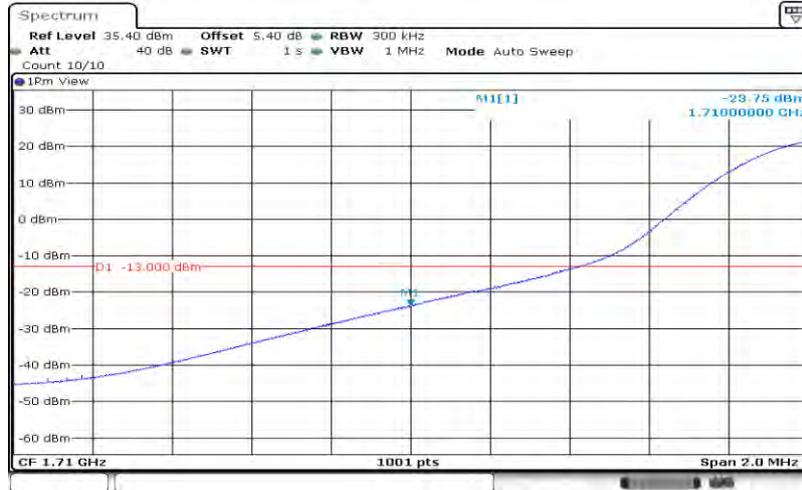


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Band4-20MHz-16QAM-20050-1RB#0



Date: 13 JUN 2020 11:22:47

Band4-20MHz-16QAM-20050-100RB#0

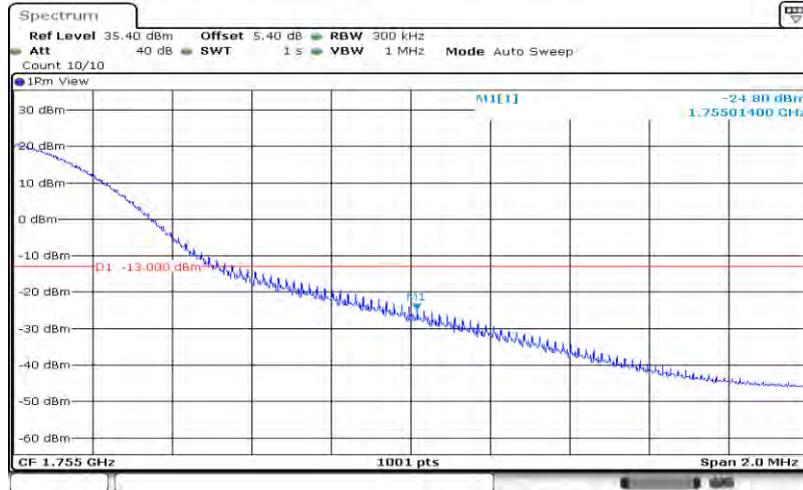


Date: 13 JUN 2020 11:23:28



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Band4-20MHz-16QAM-20300-1RB#99



Date: 13 JUN 2020 11:24:13

Band4-20MHz-16QAM-20300-100RB#0



Date: 13 JUN 2020 11:24:54



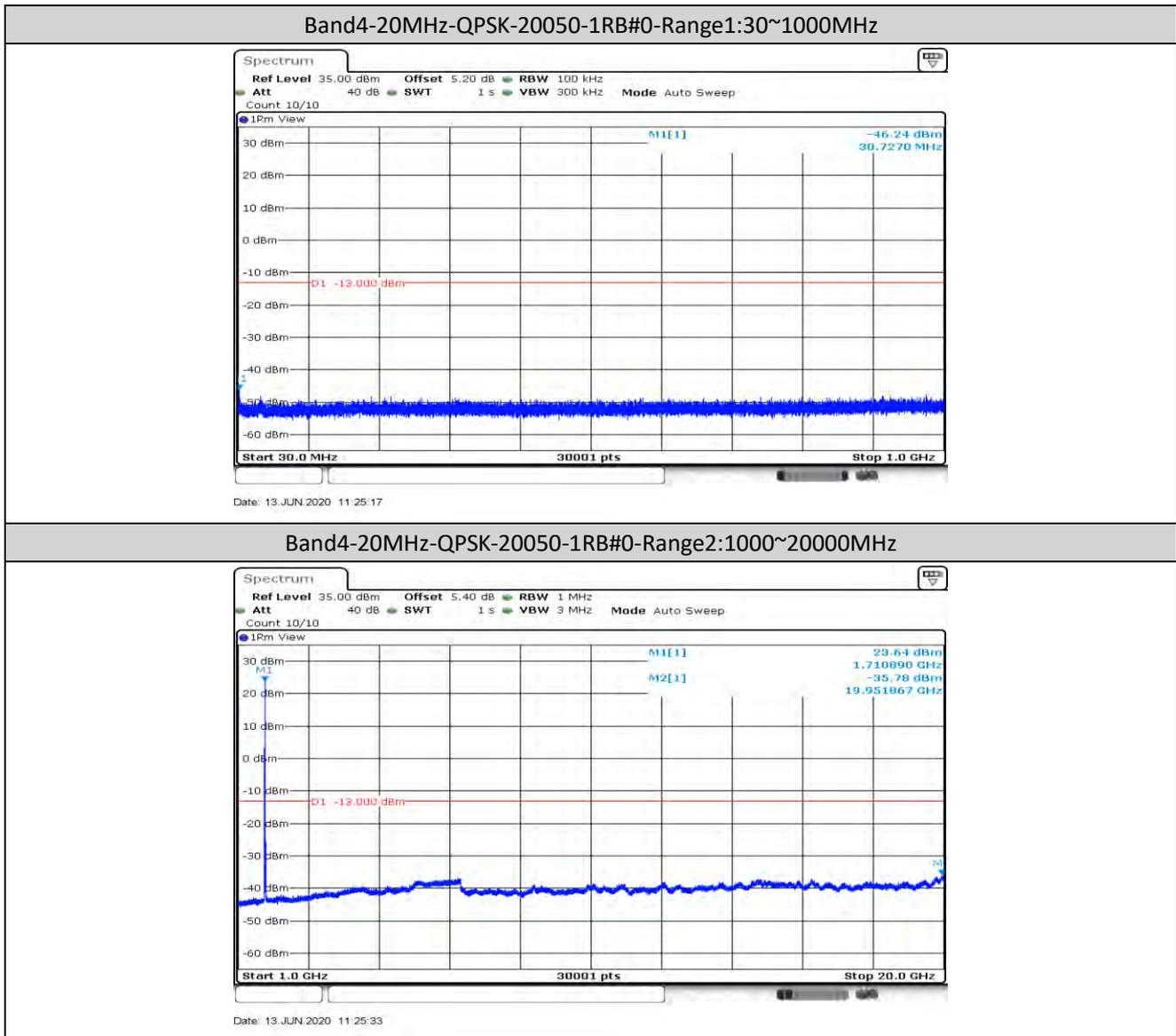
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6. Spurious Emission at Antenna Terminal

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 = $k * (Span / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

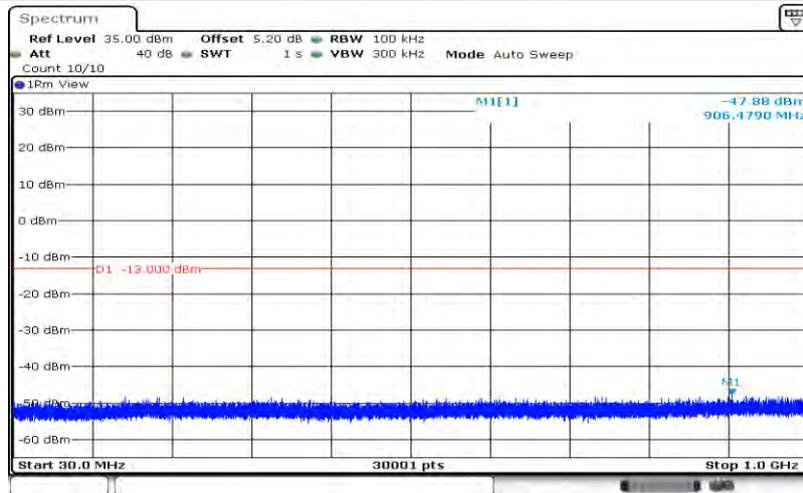
Remark2: only the worst case data displayed in this report.

6.1. Test Plots



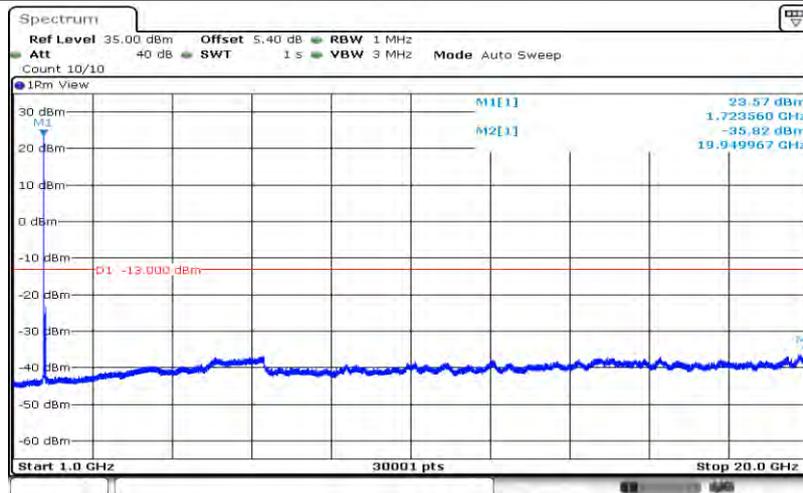
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Band4-20MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



Date: 13 JUN 2020 11:26:27

Band4-20MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz



Date: 13 JUN 2020 11:26:43



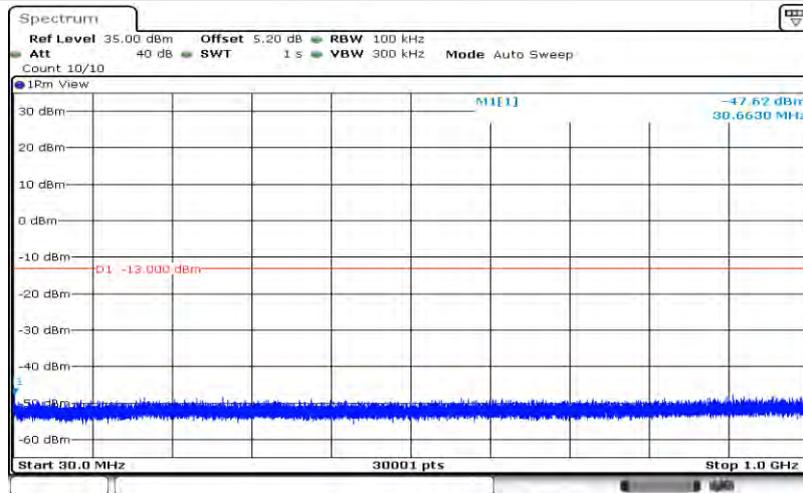
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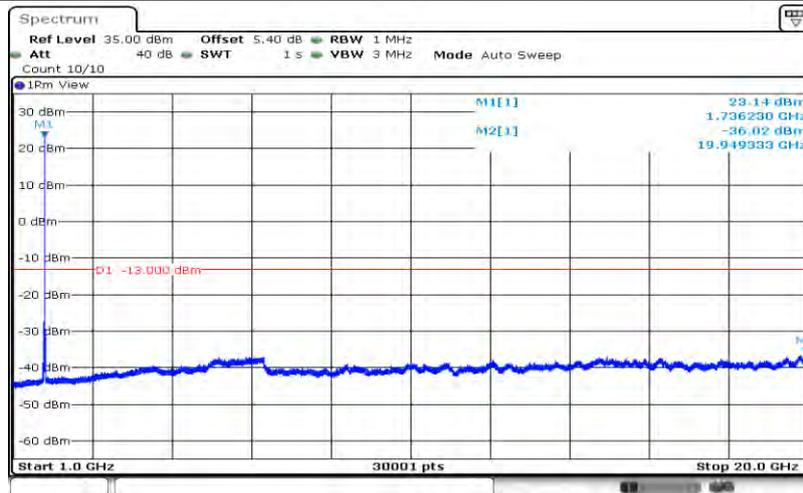


Band4-20MHz-QPSK-20300-1RB#0-Range1:30~1000MHz



Date: 13 JUN 2020 11:27:36

Band4-20MHz-QPSK-20300-1RB#0-Range2:1000~20000MHz



Date: 13 JUN 2020 11:27:52

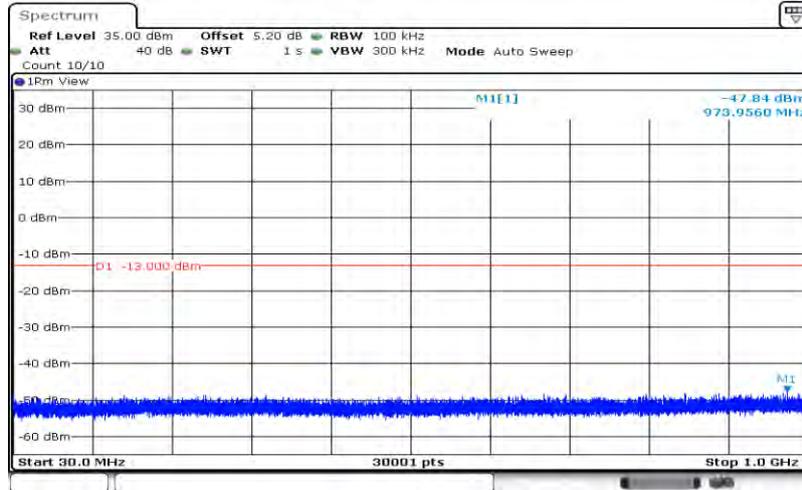


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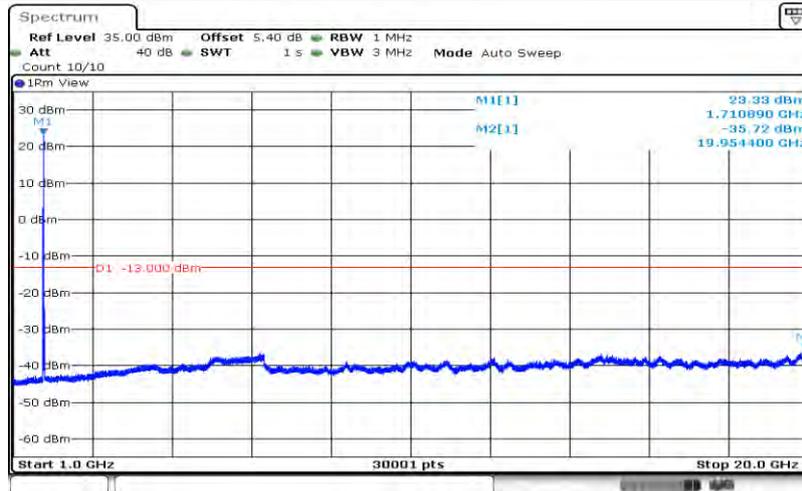
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Band4-20MHz-16QAM-20050-1RB#0-Range1:30~1000MHz



Date: 13 JUN 2020 11:25:52

Band4-20MHz-16QAM-20050-1RB#0-Range2:1000~20000MHz



Date: 13 JUN 2020 11:26:08

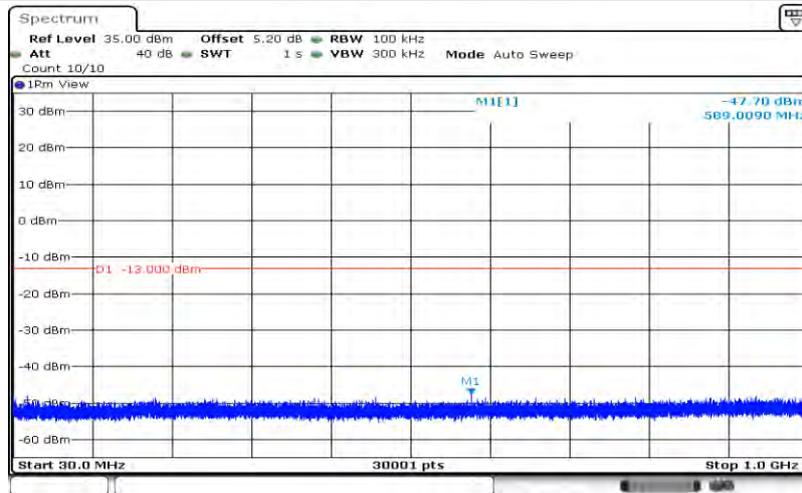


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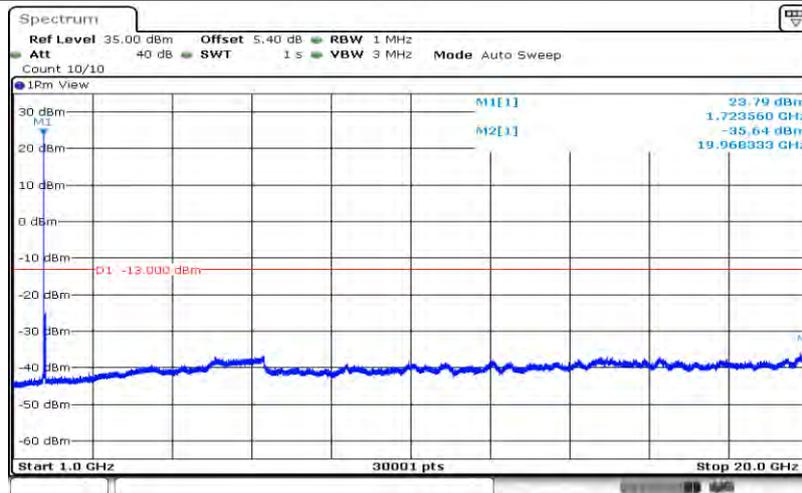
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Band4-20MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



Date: 13 JUN 2020 11:27:01

Band4-20MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz



Date: 13 JUN 2020 11:27:17

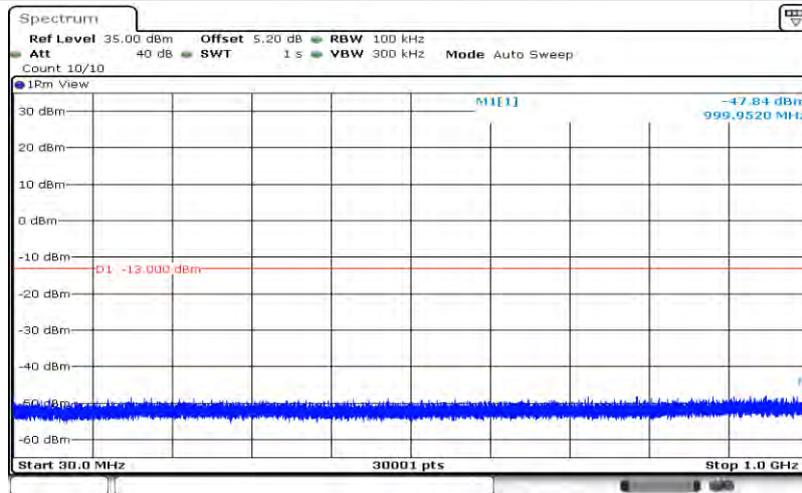


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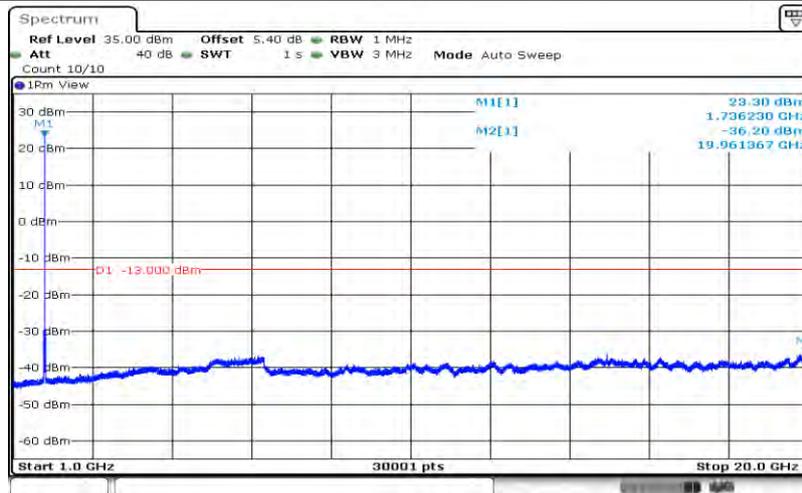
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Band4-20MHz-16QAM-20300-1RB#0-Range1:30~1000MHz



Date: 13 JUN 2020 11:28:11

Band4-20MHz-16QAM-20300-1RB#0-Range2:1000~20000MHz



Date: 13 JUN 2020 11:28:27



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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 20MHz

7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
54.6392	-72.41	-13.00	59.41	Vertical
110.1745	-64.72	-13.00	51.72	Vertical
601.3101	-64.01	-13.00	51.01	Vertical
2701.1402	-36.73	-13.00	23.73	Vertical
3422.0141	-57.34	-13.00	44.34	Vertical
17997.9999	-40.10	-13.00	27.10	Vertical
47.2669	-64.96	-13.00	51.96	Horizontal
242.2466	-68.42	-13.00	55.42	Horizontal
591.4156	-63.31	-13.00	50.31	Horizontal
2699.9400	-35.43	-13.00	22.43	Horizontal
3422.0141	-52.91	-13.00	39.91	Horizontal
16383.4461	-44.06	-13.00	31.06	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
46.2483	-72.02	-13.00	59.02	Vertical
115.4613	-64.83	-13.00	51.83	Vertical
641.5186	-63.45	-13.00	50.45	Vertical
2695.9392	-36.76	-13.00	23.76	Vertical
3447.0149	-58.46	-13.00	45.46	Vertical
17999.5000	-40.30	-13.00	27.30	Vertical
44.7932	-64.18	-13.00	51.18	Horizontal
230.9455	-68.32	-13.00	55.32	Horizontal
497.7574	-67.21	-13.00	54.21	Horizontal
2702.3405	-35.53	-13.00	22.53	Horizontal
3447.0149	-52.51	-13.00	39.51	Horizontal
16394.4465	-43.56	-13.00	30.56	Horizontal



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7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
53.5237	-72.42	-13.00	59.42	Vertical
113.8122	-64.88	-13.00	51.88	Vertical
516.8673	-67.09	-13.00	54.09	Vertical
2699.5399	-36.60	-13.00	23.60	Vertical
3472.0157	-58.32	-13.00	45.32	Vertical
17990.4997	-40.30	-13.00	27.30	Vertical
44.5507	-64.87	-13.00	51.87	Horizontal
238.6574	-68.76	-13.00	55.76	Horizontal
548.8789	-65.63	-13.00	52.63	Horizontal
2703.5407	-35.47	-13.00	22.47	Horizontal
3472.5158	-56.36	-13.00	43.36	Horizontal
16388.4463	-43.91	-13.00	30.91	Horizontal

Remark:

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.
- 3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.



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8. Frequency Stability

8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	VL	NT	-3.30	-0.001919	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	-8.20	-0.004767	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	-16.20	-0.009419	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	-6.20	-0.003579	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	4.70	0.002713	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	-4.50	-0.002597	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	-11.80	-0.006762	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	-12.00	-0.006877	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	-7.20	-0.004126	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VL	NT	-3.80	-0.002209	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VN	NT	6.30	0.003663	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VH	NT	-2.70	-0.001570	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VL	NT	-8.70	-0.005022	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VN	NT	-8.00	-0.004618	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VH	NT	-10.40	-0.006003	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VL	NT	-4.10	-0.002350	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VN	NT	-9.40	-0.005387	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VH	NT	-10.80	-0.006189	±2.5	PASS



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8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	NV	-30	-9.20	-0.005349	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	-7.50	-0.004360	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	-2.80	-0.001628	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	-10.00	-0.005814	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	-16.00	-0.009302	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	30	4.50	0.002616	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	40	-7.30	-0.004244	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	50	-13.00	-0.007558	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	-2.40	-0.001385	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	-3.80	-0.002193	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	-7.60	-0.004387	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	5.60	0.003232	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	7.00	0.004040	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	1.60	0.000924	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	-8.40	-0.004848	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	-18.70	-0.010794	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	4.40	0.002521	±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	-9.00	-0.005158	±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	-7.90	-0.004527	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	30	-6.90	-0.003954	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	40	-16.20	-0.009284	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	50	-23.20	-0.013295	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-30	-11.80	-0.006860	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-20	-1.10	-0.000640	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	0	-16.70	-0.009709	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	10	-13.60	-0.007907	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	20	-14.70	-0.008547	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	30	-3.20	-0.001860	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	40	-8.70	-0.005058	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	50	-10.40	-0.006047	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-30	-4.90	-0.002828	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-20	-2.40	-0.001385	±2.5	PASS



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Band4	20MHz	16QAM	20175	100RB#0	NV	0	-6.90	-0.003983	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	10	-6.90	-0.003983	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	-17.90	-0.010332	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	30	-11.80	-0.006811	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	40	-12.40	-0.007157	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	50	-6.00	-0.003463	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-30	-17.40	-0.009971	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-20	-21.60	-0.012378	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	0	-10.80	-0.006189	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	10	-18.90	-0.010831	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	20	-15.50	-0.008883	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	30	-15.90	-0.009112	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	40	-8.70	-0.004986	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	50	-6.90	-0.003954	±2.5	PASS



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