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Appendix B.9

LTE Band 66



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Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	22.76	21.03	30	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	22.82	21.09	30	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	22.75	21.02	30	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	21.01	19.28	30	PASS
Band66	1.4MHz	QPSK	132272	1RB#0	23.02	21.29	30	PASS
Band66	1.4MHz	QPSK	132272	1RB#2	23.03	21.3	30	PASS
Band66	1.4MHz	QPSK	132272	1RB#5	22.89	21.16	30	PASS
Band66	1.4MHz	QPSK	132272	6RB#0	22.03	20.3	30	PASS
Band66	1.4MHz	QPSK	132565	1RB#0	23.12	21.39	30	PASS
Band66	1.4MHz	QPSK	132565	1RB#2	22.89	21.16	30	PASS
Band66	1.4MHz	QPSK	132565	1RB#5	22.87	21.14	30	PASS
Band66	1.4MHz	QPSK	132565	6RB#0	21.97	20.24	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	21.97	20.24	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	21.97	20.24	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	21.96	20.23	30	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	20.24	18.51	30	PASS
Band66	1.4MHz	16QAM	132272	1RB#0	22.2	20.47	30	PASS
Band66	1.4MHz	16QAM	132272	1RB#2	22.02	20.29	30	PASS
Band66	1.4MHz	16QAM	132272	1RB#5	22.35	20.62	30	PASS
Band66	1.4MHz	16QAM	132272	6RB#0	21.02	19.29	30	PASS
Band66	1.4MHz	16QAM	132565	1RB#0	22.34	20.61	30	PASS
Band66	1.4MHz	16QAM	132565	1RB#2	22.09	20.36	30	PASS
Band66	1.4MHz	16QAM	132565	1RB#5	22.18	20.45	30	PASS
Band66	1.4MHz	16QAM	132565	6RB#0	21.08	19.35	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#0	20.41	18.68	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#2	20.45	18.72	30	PASS



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Band66	1.4MHz	64QAM	131979	1RB#5	20.51	18.78	30	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	19.87	18.14	30	PASS
Band66	1.4MHz	64QAM	132272	1RB#0	21.17	19.44	30	PASS
Band66	1.4MHz	64QAM	132272	1RB#2	20.73	19	30	PASS
Band66	1.4MHz	64QAM	132272	1RB#5	21.25	19.52	30	PASS
Band66	1.4MHz	64QAM	132272	6RB#0	20.04	18.31	30	PASS
Band66	1.4MHz	64QAM	132565	1RB#0	21.14	19.41	30	PASS
Band66	1.4MHz	64QAM	132565	1RB#2	21.32	19.59	30	PASS
Band66	1.4MHz	64QAM	132565	1RB#5	21.06	19.33	30	PASS
Band66	1.4MHz	64QAM	132565	6RB#0	20	18.27	30	PASS
Band66	1.4MHz	256QAM	131979	1RB#0	17.62	15.89	30	PASS
Band66	1.4MHz	256QAM	131979	1RB#2	17.57	15.84	30	PASS
Band66	1.4MHz	256QAM	131979	1RB#5	17.32	15.59	30	PASS
Band66	1.4MHz	256QAM	131979	6RB#0	17.74	16.01	30	PASS
Band66	1.4MHz	256QAM	132272	1RB#0	18.14	16.41	30	PASS
Band66	1.4MHz	256QAM	132272	1RB#2	17.66	15.93	30	PASS
Band66	1.4MHz	256QAM	132272	1RB#5	18.02	16.29	30	PASS
Band66	1.4MHz	256QAM	132272	6RB#0	18.12	16.39	30	PASS
Band66	1.4MHz	256QAM	132565	1RB#0	18.08	16.35	30	PASS
Band66	1.4MHz	256QAM	132565	1RB#2	18.67	16.94	30	PASS
Band66	1.4MHz	256QAM	132565	1RB#5	17.99	16.26	30	PASS
Band66	1.4MHz	256QAM	132565	6RB#0	18.02	16.29	30	PASS
Band66	3MHz	QPSK	131987	1RB#0	22.76	21.03	30	PASS
Band66	3MHz	QPSK	131987	1RB#8	22.86	21.13	30	PASS
Band66	3MHz	QPSK	131987	1RB#14	22.83	21.1	30	PASS
Band66	3MHz	QPSK	131987	15RB#0	21.94	20.21	30	PASS
Band66	3MHz	QPSK	132272	1RB#0	23.11	21.38	30	PASS
Band66	3MHz	QPSK	132272	1RB#8	23.01	21.28	30	PASS
Band66	3MHz	QPSK	132272	1RB#14	23.03	21.3	30	PASS
Band66	3MHz	QPSK	132272	15RB#0	22.1	20.37	30	PASS
Band66	3MHz	QPSK	132557	1RB#0	23.12	21.39	30	PASS
Band66	3MHz	QPSK	132557	1RB#8	22.96	21.23	30	PASS



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Band66	3MHz	QPSK	132557	1RB#14	22.93	21.2	30	PASS
Band66	3MHz	QPSK	132557	15RB#0	22.07	20.34	30	PASS
Band66	3MHz	16QAM	131987	1RB#0	22.1	20.37	30	PASS
Band66	3MHz	16QAM	131987	1RB#8	22.14	20.41	30	PASS
Band66	3MHz	16QAM	131987	1RB#14	22.12	20.39	30	PASS
Band66	3MHz	16QAM	131987	15RB#0	20.89	19.16	30	PASS
Band66	3MHz	16QAM	132272	1RB#0	22.15	20.42	30	PASS
Band66	3MHz	16QAM	132272	1RB#8	22.42	20.69	30	PASS
Band66	3MHz	16QAM	132272	1RB#14	22.42	20.69	30	PASS
Band66	3MHz	16QAM	132272	15RB#0	21.05	19.32	30	PASS
Band66	3MHz	16QAM	132557	1RB#0	22.14	20.41	30	PASS
Band66	3MHz	16QAM	132557	1RB#8	22.47	20.74	30	PASS
Band66	3MHz	16QAM	132557	1RB#14	22.16	20.43	30	PASS
Band66	3MHz	16QAM	132557	15RB#0	21.14	19.41	30	PASS
Band66	3MHz	64QAM	131987	1RB#0	20.9	19.17	30	PASS
Band66	3MHz	64QAM	131987	1RB#8	21.17	19.44	30	PASS
Band66	3MHz	64QAM	131987	1RB#14	21.22	19.49	30	PASS
Band66	3MHz	64QAM	131987	15RB#0	19.96	18.23	30	PASS
Band66	3MHz	64QAM	132272	1RB#0	21.16	19.43	30	PASS
Band66	3MHz	64QAM	132272	1RB#8	21.36	19.63	30	PASS
Band66	3MHz	64QAM	132272	1RB#14	21.31	19.58	30	PASS
Band66	3MHz	64QAM	132272	15RB#0	20.14	18.41	30	PASS
Band66	3MHz	64QAM	132557	1RB#0	21.13	19.4	30	PASS
Band66	3MHz	64QAM	132557	1RB#8	21.34	19.61	30	PASS
Band66	3MHz	64QAM	132557	1RB#14	21.16	19.43	30	PASS
Band66	3MHz	64QAM	132557	15RB#0	20.06	18.33	30	PASS
Band66	3MHz	256QAM	131987	1RB#0	17.88	16.15	30	PASS
Band66	3MHz	256QAM	131987	1RB#8	18.17	16.44	30	PASS
Band66	3MHz	256QAM	131987	1RB#14	17.98	16.25	30	PASS
Band66	3MHz	256QAM	131987	15RB#0	17.97	16.24	30	PASS
Band66	3MHz	256QAM	132272	1RB#0	18.25	16.52	30	PASS
Band66	3MHz	256QAM	132272	1RB#8	18.3	16.57	30	PASS



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Band66	3MHz	256QAM	132272	1RB#14	18.22	16.49	30	PASS
Band66	3MHz	256QAM	132272	15RB#0	18.05	16.32	30	PASS
Band66	3MHz	256QAM	132557	1RB#0	17.98	16.25	30	PASS
Band66	3MHz	256QAM	132557	1RB#8	18.22	16.49	30	PASS
Band66	3MHz	256QAM	132557	1RB#14	18.19	16.46	30	PASS
Band66	3MHz	256QAM	132557	15RB#0	18.08	16.35	30	PASS
Band66	5MHz	QPSK	131997	1RB#0	22.69	20.96	30	PASS
Band66	5MHz	QPSK	131997	1RB#12	22.69	20.96	30	PASS
Band66	5MHz	QPSK	131997	1RB#24	22.85	21.12	30	PASS
Band66	5MHz	QPSK	131997	25RB#0	21.93	20.2	30	PASS
Band66	5MHz	QPSK	132272	1RB#0	22.98	21.25	30	PASS
Band66	5MHz	QPSK	132272	1RB#12	23.05	21.32	30	PASS
Band66	5MHz	QPSK	132272	1RB#24	23.01	21.28	30	PASS
Band66	5MHz	QPSK	132272	25RB#0	22.12	20.39	30	PASS
Band66	5MHz	QPSK	132547	1RB#0	22.89	21.16	30	PASS
Band66	5MHz	QPSK	132547	1RB#12	22.89	21.16	30	PASS
Band66	5MHz	QPSK	132547	1RB#24	22.96	21.23	30	PASS
Band66	5MHz	QPSK	132547	25RB#0	22.06	20.33	30	PASS
Band66	5MHz	16QAM	131997	1RB#0	21.96	20.23	30	PASS
Band66	5MHz	16QAM	131997	1RB#12	22.1	20.37	30	PASS
Band66	5MHz	16QAM	131997	1RB#24	22.18	20.45	30	PASS
Band66	5MHz	16QAM	131997	25RB#0	20.93	19.2	30	PASS
Band66	5MHz	16QAM	132272	1RB#0	22.45	20.72	30	PASS
Band66	5MHz	16QAM	132272	1RB#12	22.37	20.64	30	PASS
Band66	5MHz	16QAM	132272	1RB#24	22.4	20.67	30	PASS
Band66	5MHz	16QAM	132272	25RB#0	21.09	19.36	30	PASS
Band66	5MHz	16QAM	132547	1RB#0	22.37	20.64	30	PASS
Band66	5MHz	16QAM	132547	1RB#12	22.29	20.56	30	PASS
Band66	5MHz	16QAM	132547	1RB#24	22.36	20.63	30	PASS
Band66	5MHz	16QAM	132547	25RB#0	21.09	19.36	30	PASS
Band66	5MHz	64QAM	131997	1RB#0	21.11	19.38	30	PASS
Band66	5MHz	64QAM	131997	1RB#12	21.04	19.31	30	PASS



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Band66	5MHz	64QAM	131997	25RB#0	19.92	18.19	30	PASS
Band66	5MHz	64QAM	132272	1RB#0	21.3	19.57	30	PASS
Band66	5MHz	64QAM	132272	1RB#12	21.16	19.43	30	PASS
Band66	5MHz	64QAM	132272	1RB#24	21.32	19.59	30	PASS
Band66	5MHz	64QAM	132272	25RB#0	20.13	18.4	30	PASS
Band66	5MHz	64QAM	132547	1RB#0	21.15	19.42	30	PASS
Band66	5MHz	64QAM	132547	1RB#12	21.27	19.54	30	PASS
Band66	5MHz	64QAM	132547	1RB#24	21.22	19.49	30	PASS
Band66	5MHz	64QAM	132547	25RB#0	20.03	18.3	30	PASS
Band66	5MHz	256QAM	131997	1RB#0	17.99	16.26	30	PASS
Band66	5MHz	256QAM	131997	1RB#12	17.98	16.25	30	PASS
Band66	5MHz	256QAM	131997	1RB#24	18.16	16.43	30	PASS
Band66	5MHz	256QAM	131997	25RB#0	17.99	16.26	30	PASS
Band66	5MHz	256QAM	132272	1RB#0	18.14	16.41	30	PASS
Band66	5MHz	256QAM	132272	1RB#12	18.18	16.45	30	PASS
Band66	5MHz	256QAM	132272	1RB#24	18.28	16.55	30	PASS
Band66	5MHz	256QAM	132272	25RB#0	18.12	16.39	30	PASS
Band66	5MHz	256QAM	132547	1RB#0	18.15	16.42	30	PASS
Band66	5MHz	256QAM	132547	1RB#12	18.15	16.42	30	PASS
Band66	5MHz	256QAM	132547	1RB#24	18.17	16.44	30	PASS
Band66	5MHz	256QAM	132547	25RB#0	18.07	16.34	30	PASS
Band66	10MHz	QPSK	132022	1RB#0	22.61	20.88	30	PASS
Band66	10MHz	QPSK	132022	1RB#24	22.84	21.11	30	PASS
Band66	10MHz	QPSK	132022	1RB#49	22.84	21.11	30	PASS
Band66	10MHz	QPSK	132022	50RB#0	21.85	20.12	30	PASS
Band66	10MHz	QPSK	132272	1RB#0	22.96	21.23	30	PASS
Band66	10MHz	QPSK	132272	1RB#24	22.98	21.25	30	PASS
Band66	10MHz	QPSK	132272	1RB#49	22.98	21.25	30	PASS
Band66	10MHz	QPSK	132272	50RB#0	22.12	20.39	30	PASS
Band66	10MHz	QPSK	132522	1RB#0	23.02	21.29	30	PASS
Band66	10MHz	QPSK	132522	1RB#24	22.97	21.24	30	PASS



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Band66	10MHz	QPSK	132522	50RB#0	22.18	20.45	30	PASS
Band66	10MHz	16QAM	132022	1RB#0	21.96	20.23	30	PASS
Band66	10MHz	16QAM	132022	1RB#24	22.15	20.42	30	PASS
Band66	10MHz	16QAM	132022	1RB#49	22	20.27	30	PASS
Band66	10MHz	16QAM	132022	50RB#0	21.03	19.3	30	PASS
Band66	10MHz	16QAM	132272	1RB#0	22.12	20.39	30	PASS
Band66	10MHz	16QAM	132272	1RB#24	22.24	20.51	30	PASS
Band66	10MHz	16QAM	132272	1RB#49	22.34	20.61	30	PASS
Band66	10MHz	16QAM	132272	50RB#0	21.14	19.41	30	PASS
Band66	10MHz	16QAM	132522	1RB#0	22.19	20.46	30	PASS
Band66	10MHz	16QAM	132522	1RB#24	22.26	20.53	30	PASS
Band66	10MHz	16QAM	132522	1RB#49	22.26	20.53	30	PASS
Band66	10MHz	16QAM	132522	50RB#0	21.15	19.42	30	PASS
Band66	10MHz	64QAM	132022	1RB#0	21.05	19.32	30	PASS
Band66	10MHz	64QAM	132022	1RB#24	21.14	19.41	30	PASS
Band66	10MHz	64QAM	132022	1RB#49	21.12	19.39	30	PASS
Band66	10MHz	64QAM	132022	50RB#0	19.94	18.21	30	PASS
Band66	10MHz	64QAM	132272	1RB#0	21.19	19.46	30	PASS
Band66	10MHz	64QAM	132272	1RB#24	21.24	19.51	30	PASS
Band66	10MHz	64QAM	132272	1RB#49	21.31	19.58	30	PASS
Band66	10MHz	64QAM	132272	50RB#0	20.17	18.44	30	PASS
Band66	10MHz	64QAM	132522	1RB#0	21.23	19.5	30	PASS
Band66	10MHz	64QAM	132522	1RB#24	21.32	19.59	30	PASS
Band66	10MHz	64QAM	132522	1RB#49	21.26	19.53	30	PASS
Band66	10MHz	64QAM	132522	50RB#0	20.17	18.44	30	PASS
Band66	10MHz	256QAM	132022	1RB#0	17.9	16.17	30	PASS
Band66	10MHz	256QAM	132022	1RB#24	17.92	16.19	30	PASS
Band66	10MHz	256QAM	132022	1RB#49	17.98	16.25	30	PASS
Band66	10MHz	256QAM	132022	50RB#0	18.01	16.28	30	PASS
Band66	10MHz	256QAM	132272	1RB#0	18.01	16.28	30	PASS
Band66	10MHz	256QAM	132272	1RB#24	18.15	16.42	30	PASS



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Band66	10MHz	256QAM	132272	1RB#49	18.13	16.4	30	PASS
Band66	10MHz	256QAM	132272	50RB#0	18.13	16.4	30	PASS
Band66	10MHz	256QAM	132522	1RB#0	18.12	16.39	30	PASS
Band66	10MHz	256QAM	132522	1RB#24	18.15	16.42	30	PASS
Band66	10MHz	256QAM	132522	1RB#49	18.14	16.41	30	PASS
Band66	10MHz	256QAM	132522	50RB#0	18.11	16.38	30	PASS
Band66	15MHz	QPSK	132047	1RB#0	22.36	20.63	30	PASS
Band66	15MHz	QPSK	132047	1RB#38	22.81	21.08	30	PASS
Band66	15MHz	QPSK	132047	1RB#74	22.73	21	30	PASS
Band66	15MHz	QPSK	132047	75RB#0	21.93	20.2	30	PASS
Band66	15MHz	QPSK	132272	1RB#0	22.96	21.23	30	PASS
Band66	15MHz	QPSK	132272	1RB#38	22.76	21.03	30	PASS
Band66	15MHz	QPSK	132272	1RB#74	22.96	21.23	30	PASS
Band66	15MHz	QPSK	132272	75RB#0	22.01	20.28	30	PASS
Band66	15MHz	QPSK	132497	1RB#0	22.87	21.14	30	PASS
Band66	15MHz	QPSK	132497	1RB#38	23.01	21.28	30	PASS
Band66	15MHz	QPSK	132497	1RB#74	22.91	21.18	30	PASS
Band66	15MHz	QPSK	132497	75RB#0	22.03	20.3	30	PASS
Band66	15MHz	16QAM	132047	1RB#0	21.83	20.1	30	PASS
Band66	15MHz	16QAM	132047	1RB#38	22.04	20.31	30	PASS
Band66	15MHz	16QAM	132047	1RB#74	22.09	20.36	30	PASS
Band66	15MHz	16QAM	132047	75RB#0	20.86	19.13	30	PASS
Band66	15MHz	16QAM	132272	1RB#0	22.25	20.52	30	PASS
Band66	15MHz	16QAM	132272	1RB#38	22.12	20.39	30	PASS
Band66	15MHz	16QAM	132272	1RB#74	22.1	20.37	30	PASS
Band66	15MHz	16QAM	132272	75RB#0	21	19.27	30	PASS
Band66	15MHz	16QAM	132497	1RB#0	22.06	20.33	30	PASS
Band66	15MHz	16QAM	132497	1RB#38	22.25	20.52	30	PASS
Band66	15MHz	16QAM	132497	1RB#74	22.04	20.31	30	PASS
Band66	15MHz	16QAM	132497	75RB#0	21.04	19.31	30	PASS
Band66	15MHz	64QAM	132047	1RB#0	20.75	19.02	30	PASS
Band66	15MHz	64QAM	132047	1RB#38	21.07	19.34	30	PASS



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Band66	15MHz	64QAM	132047	1RB#74	20.96	19.23	30	PASS
Band66	15MHz	64QAM	132047	75RB#0	19.93	18.2	30	PASS
Band66	15MHz	64QAM	132272	1RB#0	20.98	19.25	30	PASS
Band66	15MHz	64QAM	132272	1RB#38	21.27	19.54	30	PASS
Band66	15MHz	64QAM	132272	1RB#74	21.09	19.36	30	PASS
Band66	15MHz	64QAM	132272	75RB#0	19.99	18.26	30	PASS
Band66	15MHz	64QAM	132497	1RB#0	20.9	19.17	30	PASS
Band66	15MHz	64QAM	132497	1RB#38	21.2	19.47	30	PASS
Band66	15MHz	64QAM	132497	1RB#74	21.21	19.48	30	PASS
Band66	15MHz	64QAM	132497	75RB#0	20.04	18.31	30	PASS
Band66	15MHz	256QAM	132047	1RB#0	17.79	16.06	30	PASS
Band66	15MHz	256QAM	132047	1RB#38	17.97	16.24	30	PASS
Band66	15MHz	256QAM	132047	1RB#74	18.01	16.28	30	PASS
Band66	15MHz	256QAM	132047	75RB#0	17.89	16.16	30	PASS
Band66	15MHz	256QAM	132272	1RB#0	17.95	16.22	30	PASS
Band66	15MHz	256QAM	132272	1RB#38	18.07	16.34	30	PASS
Band66	15MHz	256QAM	132272	1RB#74	18.09	16.36	30	PASS
Band66	15MHz	256QAM	132272	75RB#0	18.05	16.32	30	PASS
Band66	15MHz	256QAM	132497	1RB#0	17.95	16.22	30	PASS
Band66	15MHz	256QAM	132497	1RB#38	18.11	16.38	30	PASS
Band66	15MHz	256QAM	132497	1RB#74	18.12	16.39	30	PASS
Band66	15MHz	256QAM	132497	75RB#0	17.94	16.21	30	PASS
Band66	20MHz	QPSK	132072	1RB#0	22.61	20.88	30	PASS
Band66	20MHz	QPSK	132072	1RB#49	22.76	21.03	30	PASS
Band66	20MHz	QPSK	132072	1RB#99	22.8	21.07	30	PASS
Band66	20MHz	QPSK	132072	100RB#0	21.91	20.18	30	PASS
Band66	20MHz	QPSK	132272	1RB#0	23.11	21.38	30	PASS
Band66	20MHz	QPSK	132272	1RB#49	22.96	21.23	30	PASS
Band66	20MHz	QPSK	132272	1RB#99	23.01	21.28	30	PASS
Band66	20MHz	QPSK	132272	100RB#0	22.02	20.29	30	PASS
Band66	20MHz	QPSK	132472	1RB#0	23.14	21.41	30	PASS
Band66	20MHz	QPSK	132472	1RB#49	22.9	21.17	30	PASS



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Band66	20MHz	QPSK	132472	1RB#99	23.01	21.28	30	PASS
Band66	20MHz	QPSK	132472	100RB#0	22.08	20.35	30	PASS
Band66	20MHz	16QAM	132072	1RB#0	21.84	20.11	30	PASS
Band66	20MHz	16QAM	132072	1RB#49	22.13	20.4	30	PASS
Band66	20MHz	16QAM	132072	1RB#99	22.07	20.34	30	PASS
Band66	20MHz	16QAM	132072	100RB#0	20.82	19.09	30	PASS
Band66	20MHz	16QAM	132272	1RB#0	22.07	20.34	30	PASS
Band66	20MHz	16QAM	132272	1RB#49	22.17	20.44	30	PASS
Band66	20MHz	16QAM	132272	1RB#99	22.32	20.59	30	PASS
Band66	20MHz	16QAM	132272	100RB#0	21.06	19.33	30	PASS
Band66	20MHz	16QAM	132472	1RB#0	22.05	20.32	30	PASS
Band66	20MHz	16QAM	132472	1RB#49	22.25	20.52	30	PASS
Band66	20MHz	16QAM	132472	1RB#99	22.36	20.63	30	PASS
Band66	20MHz	16QAM	132472	100RB#0	21.11	19.38	30	PASS
Band66	20MHz	64QAM	132072	1RB#0	20.85	19.12	30	PASS
Band66	20MHz	64QAM	132072	1RB#49	21.13	19.4	30	PASS
Band66	20MHz	64QAM	132072	1RB#99	21.13	19.4	30	PASS
Band66	20MHz	64QAM	132072	100RB#0	19.95	18.22	30	PASS
Band66	20MHz	64QAM	132272	1RB#0	20.93	19.2	30	PASS
Band66	20MHz	64QAM	132272	1RB#49	21.1	19.37	30	PASS
Band66	20MHz	64QAM	132272	1RB#99	21.31	19.58	30	PASS
Band66	20MHz	64QAM	132272	100RB#0	20.03	18.3	30	PASS
Band66	20MHz	64QAM	132472	1RB#0	21.03	19.3	30	PASS
Band66	20MHz	64QAM	132472	1RB#49	21.11	19.38	30	PASS
Band66	20MHz	64QAM	132472	1RB#99	21.24	19.51	30	PASS
Band66	20MHz	64QAM	132472	100RB#0	20.18	18.45	30	PASS
Band66	20MHz	256QAM	132072	1RB#0	17.76	16.03	30	PASS
Band66	20MHz	256QAM	132072	1RB#49	18	16.27	30	PASS
Band66	20MHz	256QAM	132072	1RB#99	18	16.27	30	PASS
Band66	20MHz	256QAM	132072	100RB#0	17.95	16.22	30	PASS
Band66	20MHz	256QAM	132272	1RB#0	17.88	16.15	30	PASS
Band66	20MHz	256QAM	132272	1RB#49	17.98	16.25	30	PASS



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Band66	20MHz	256QAM	132272	1RB#99	18.14	16.41	30	PASS
Band66	20MHz	256QAM	132272	100RB#0	18.17	16.44	30	PASS
Band66	20MHz	256QAM	132472	1RB#0	18	16.27	30	PASS
Band66	20MHz	256QAM	132472	1RB#49	18.09	16.36	30	PASS
Band66	20MHz	256QAM	132472	1RB#99	18.13	16.4	30	PASS
Band66	20MHz	256QAM	132472	100RB#0	17.98	16.25	30	PASS



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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	20MHz	QPSK	132072	100RB#0	5.14	13	PASS
Band66	20MHz	QPSK	132272	100RB#0	4.66	13	PASS
Band66	20MHz	QPSK	132472	100RB#0	5.18	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	5.84	13	PASS
Band66	20MHz	16QAM	132272	100RB#0	5.48	13	PASS
Band66	20MHz	16QAM	132472	100RB#0	5.70	13	PASS
Band66	20MHz	64QAM	132072	100RB#0	6.54	13	PASS
Band66	20MHz	64QAM	132272	100RB#0	6.32	13	PASS
Band66	20MHz	64QAM	132472	100RB#0	6.54	13	PASS
Band66	20MHz	256QAM	132072	100RB#0	6.68	13	PASS
Band66	20MHz	256QAM	132272	100RB#0	6.48	13	PASS
Band66	20MHz	256QAM	132472	100RB#0	6.58	13	PASS



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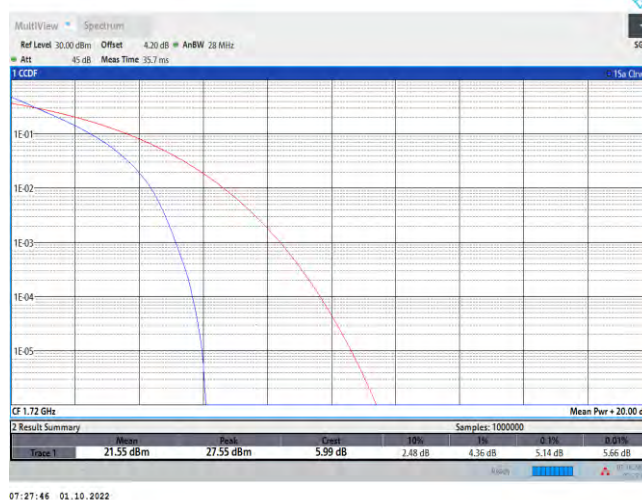
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Test Graphs

Band66-20MHz-QPSK-132072-100RB#0



Band66-20MHz-QPSK-132272-100RB#0



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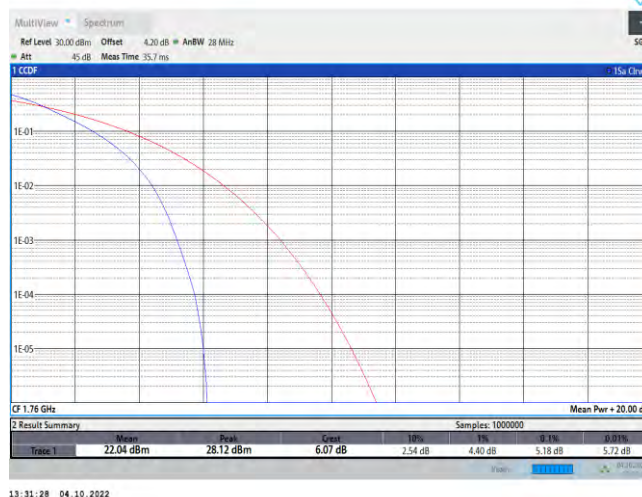
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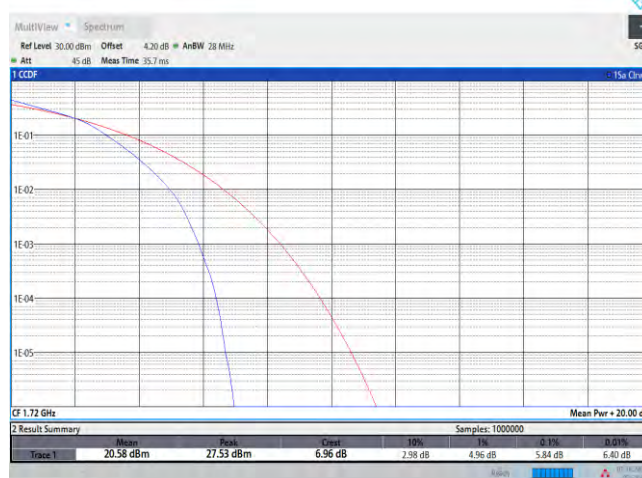
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Band66-20MHz-QPSK-132472-100RB#0



13:31:28 04.10.2022

Band66-20MHz-16QAM-132072-100RB#0



07:28:03 01.10.2022



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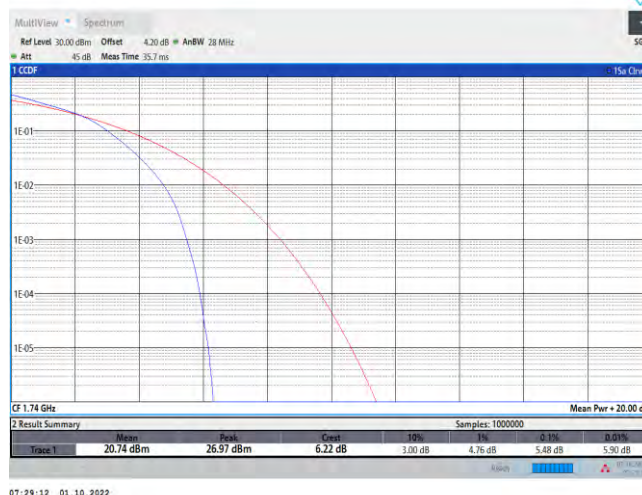
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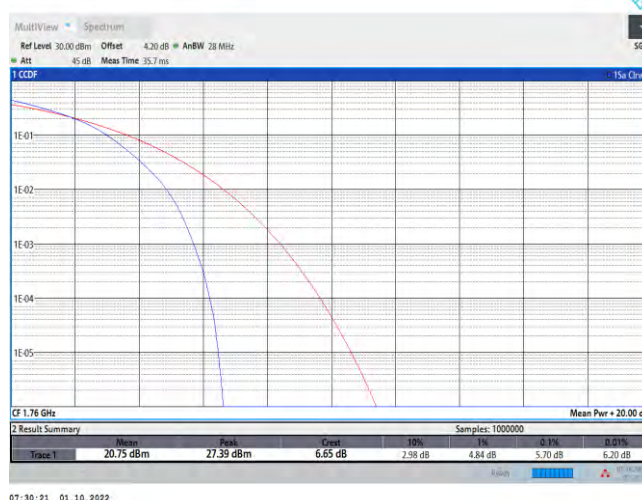
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Band66-20MHz-16QAM-132272-100RB#0



Band66-20MHz-16QAM-132472-100RB#0



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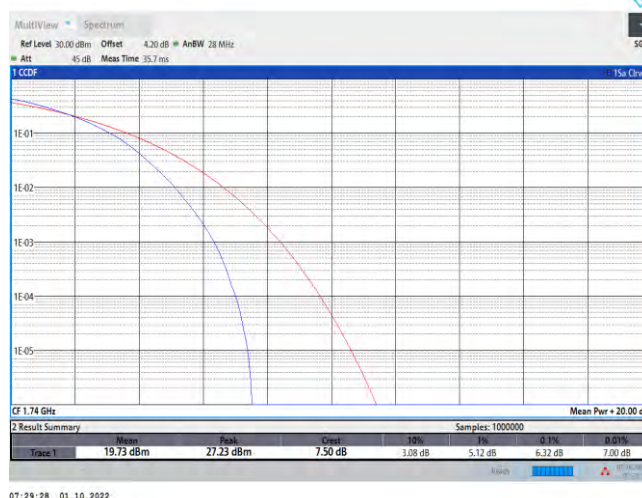
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Band66-20MHz-64QAM-132072-100RB#0



Band66-20MHz-64QAM-132272-100RB#0



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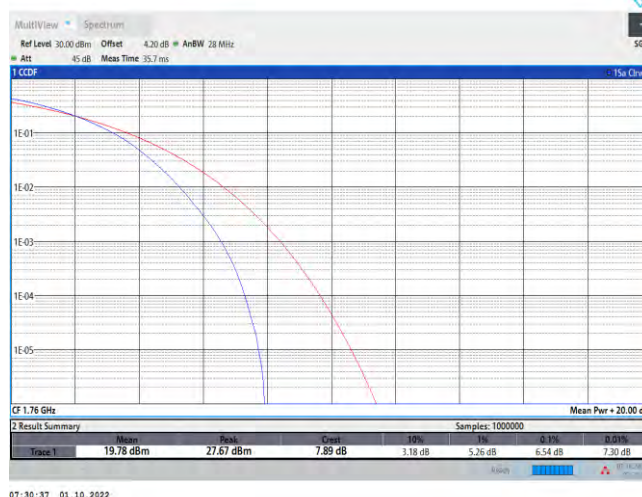
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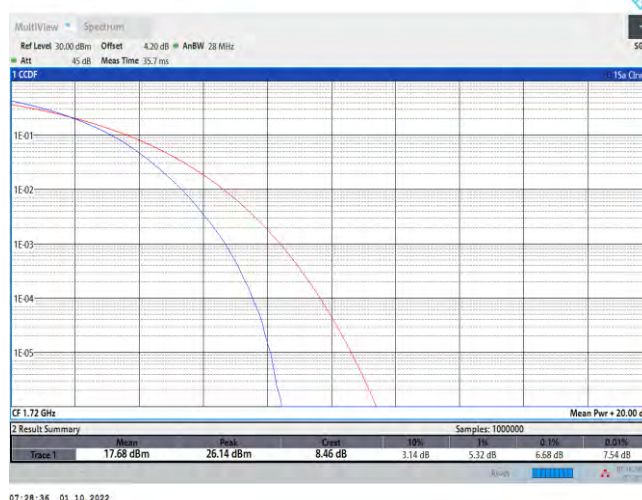
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Band66-20MHz-64QAM-132472-100RB#0



Band66-20MHz-256QAM-132072-100RB#0



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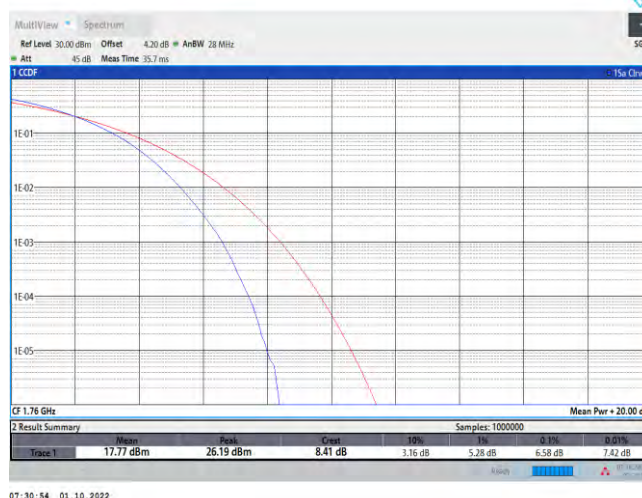
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Band66-20MHz-256QAM-132272-100RB#0



Band66-20MHz-256QAM-132472-100RB#0



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Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band66	20MHz	QPSK	132272	100RB#0	PASS	PASS
Band66	20MHz	16QAM	132272	100RB#0	PASS	PASS
Band66	20MHz	64QAM	132272	100RB#0	PASS	PASS
Band66	20MHz	256QAM	132272	100RB#0	PASS	PASS



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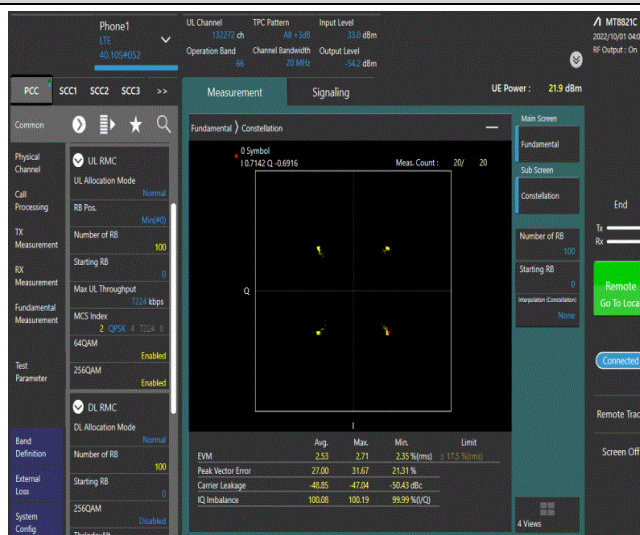
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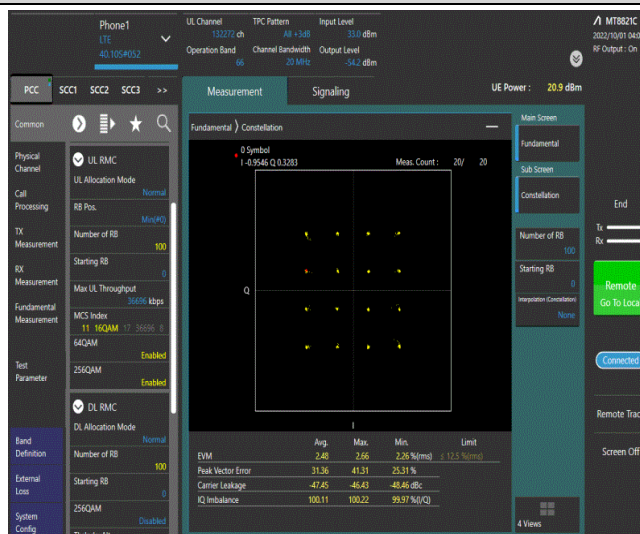
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Test Graphs

Band66-20MHz-QPSK-132272-100RB#0



Band66-20MHz-16QAM-132272-100RB#0



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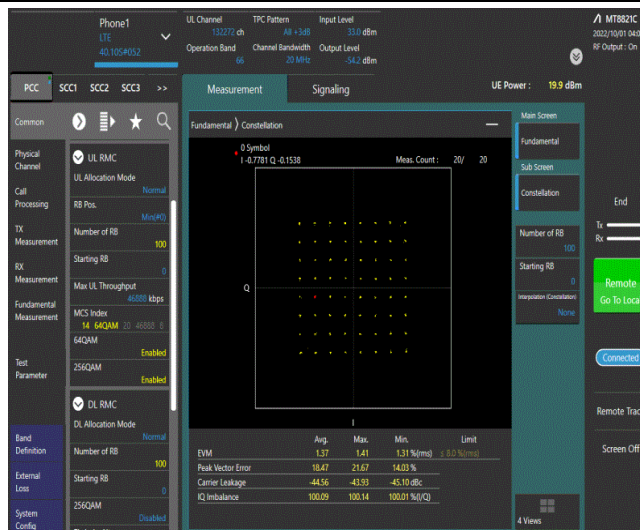
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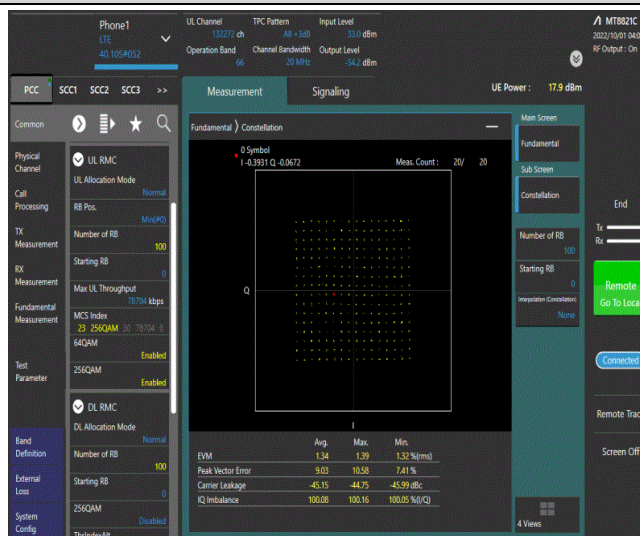
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Band66-20MHz-64QAM-132272-100RB#0



Band66-20MHz-256QAM-132272-100RB#0



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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.091	1.24	PASS
Band66	1.4MHz	QPSK	132272	6RB#0	1.093	1.24	PASS
Band66	1.4MHz	QPSK	132565	6RB#0	1.092	1.24	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.09	1.25	PASS
Band66	1.4MHz	16QAM	132272	6RB#0	1.09	1.25	PASS
Band66	1.4MHz	16QAM	132565	6RB#0	1.09	1.24	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	1.12	1.25	PASS
Band66	1.4MHz	64QAM	132272	6RB#0	1.124	1.25	PASS
Band66	1.4MHz	64QAM	132565	6RB#0	1.122	1.25	PASS
Band66	1.4MHz	256QAM	131979	6RB#0	1.086	1.23	PASS
Band66	1.4MHz	256QAM	132272	6RB#0	1.085	1.23	PASS
Band66	1.4MHz	256QAM	132565	6RB#0	1.085	1.23	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.702	3.00	PASS
Band66	3MHz	QPSK	132272	15RB#0	2.704	3.01	PASS
Band66	3MHz	QPSK	132557	15RB#0	2.697	3.01	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.693	2.99	PASS
Band66	3MHz	16QAM	132272	15RB#0	2.694	2.99	PASS
Band66	3MHz	16QAM	132557	15RB#0	2.69	2.98	PASS
Band66	3MHz	64QAM	131987	15RB#0	2.694	2.97	PASS
Band66	3MHz	64QAM	132272	15RB#0	2.694	2.96	PASS
Band66	3MHz	64QAM	132557	15RB#0	2.691	2.98	PASS
Band66	3MHz	256QAM	131987	15RB#0	2.692	3.01	PASS
Band66	3MHz	256QAM	132272	15RB#0	2.692	3.01	PASS
Band66	3MHz	256QAM	132557	15RB#0	2.687	2.99	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.466	4.87	PASS
Band66	5MHz	QPSK	132272	25RB#0	4.468	4.87	PASS
Band66	5MHz	QPSK	132547	25RB#0	4.466	4.89	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.473	4.90	PASS
Band66	5MHz	16QAM	132272	25RB#0	4.471	4.90	PASS



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Band66	5MHz	64QAM	131997	25RB#0	4.473	4.89	PASS
Band66	5MHz	64QAM	132272	25RB#0	4.476	4.90	PASS
Band66	5MHz	64QAM	132547	25RB#0	4.47	4.89	PASS
Band66	5MHz	256QAM	131997	25RB#0	4.474	4.88	PASS
Band66	5MHz	256QAM	132272	25RB#0	4.474	4.87	PASS
Band66	5MHz	256QAM	132547	25RB#0	4.468	4.86	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.952	9.64	PASS
Band66	10MHz	QPSK	132272	50RB#0	8.956	9.68	PASS
Band66	10MHz	QPSK	132522	50RB#0	8.927	9.62	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.939	9.70	PASS
Band66	10MHz	16QAM	132272	50RB#0	8.93	9.74	PASS
Band66	10MHz	16QAM	132522	50RB#0	8.914	9.64	PASS
Band66	10MHz	64QAM	132022	50RB#0	8.951	9.72	PASS
Band66	10MHz	64QAM	132272	50RB#0	8.948	9.64	PASS
Band66	10MHz	64QAM	132522	50RB#0	8.933	9.66	PASS
Band66	10MHz	256QAM	132022	50RB#0	8.938	9.66	PASS
Band66	10MHz	256QAM	132272	50RB#0	8.94	9.70	PASS
Band66	10MHz	256QAM	132522	50RB#0	8.927	9.64	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.477	14.82	PASS
Band66	15MHz	QPSK	132272	75RB#0	13.455	14.79	PASS
Band66	15MHz	QPSK	132497	75RB#0	13.433	14.73	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.491	14.73	PASS
Band66	15MHz	16QAM	132272	75RB#0	13.462	14.76	PASS
Band66	15MHz	16QAM	132497	75RB#0	13.432	14.67	PASS
Band66	15MHz	64QAM	132047	75RB#0	13.486	14.82	PASS
Band66	15MHz	64QAM	132272	75RB#0	13.446	14.82	PASS
Band66	15MHz	64QAM	132497	75RB#0	13.452	14.79	PASS
Band66	15MHz	256QAM	132047	75RB#0	13.468	14.76	PASS
Band66	15MHz	256QAM	132272	75RB#0	13.436	14.73	PASS
Band66	15MHz	256QAM	132497	75RB#0	13.417	14.64	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.919	19.44	PASS
Band66	20MHz	QPSK	132272	100RB#0	17.885	19.40	PASS
Band66	20MHz	QPSK	132472	100RB#0	17.889	19.44	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.913	19.44	PASS
Band66	20MHz	16QAM	132272	100RB#0	17.878	19.32	PASS
Band66	20MHz	16QAM	132472	100RB#0	17.879	19.36	PASS



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Band66	20MHz	64QAM	132072	100RB#0	17.904	19.48	PASS
Band66	20MHz	64QAM	132272	100RB#0	17.867	19.32	PASS
Band66	20MHz	64QAM	132472	100RB#0	17.878	19.40	PASS
Band66	20MHz	256QAM	132072	100RB#0	17.92	19.36	PASS
Band66	20MHz	256QAM	132272	100RB#0	17.852	19.40	PASS
Band66	20MHz	256QAM	132472	100RB#0	17.887	19.32	PASS



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Test Graphs

Band66-1.4MHz-QPSK-131979-6RB#0



Band66-1.4MHz-QPSK-132272-6RB#0



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Band66-1.4MHz-16QAM-131979-6RB#0



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Band66-1.4MHz-64QAM-132272-6RB#0



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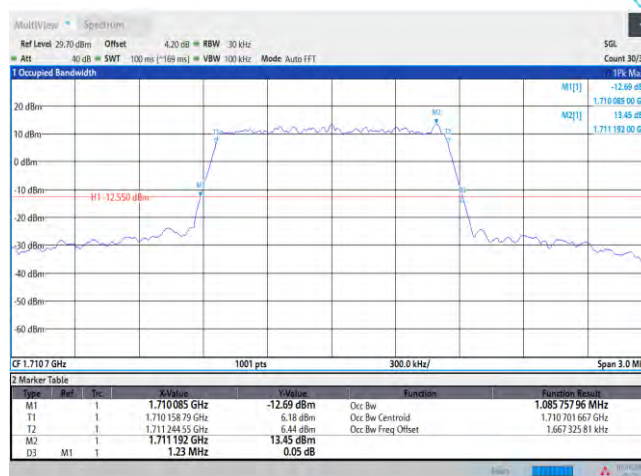
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Band66-1.4MHz-256QAM-131979-6RB#0



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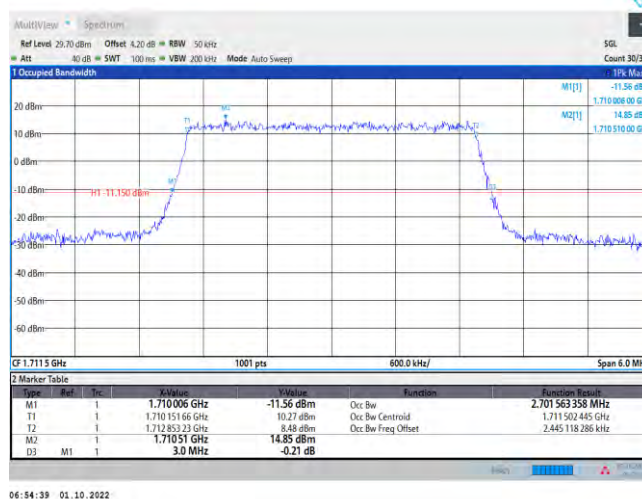
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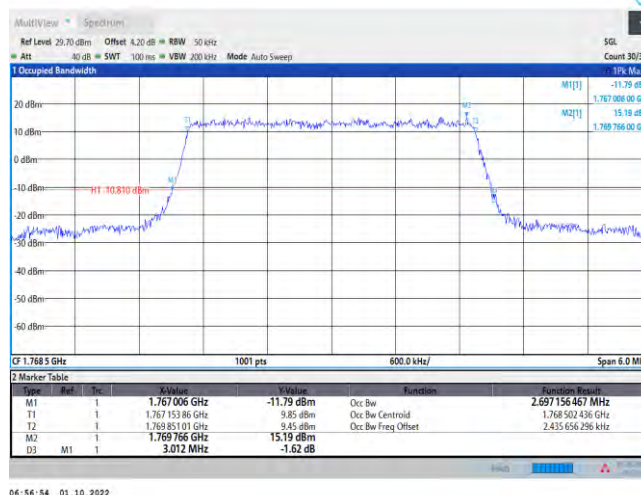
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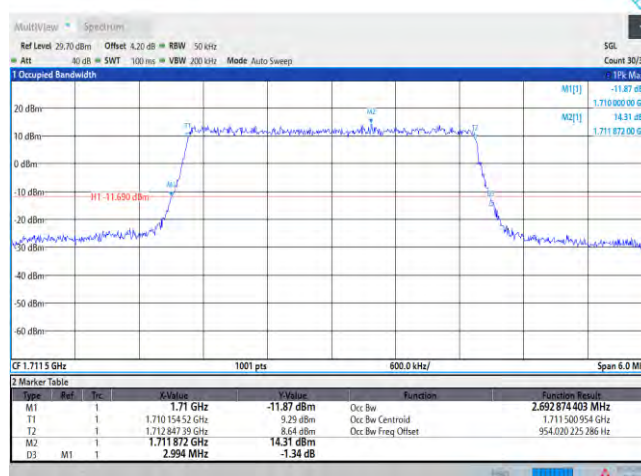
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Band66-3MHz-16QAM-131987-15RB#0



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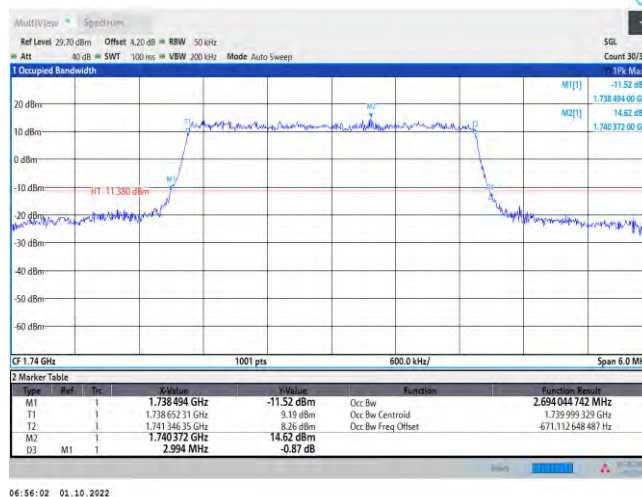
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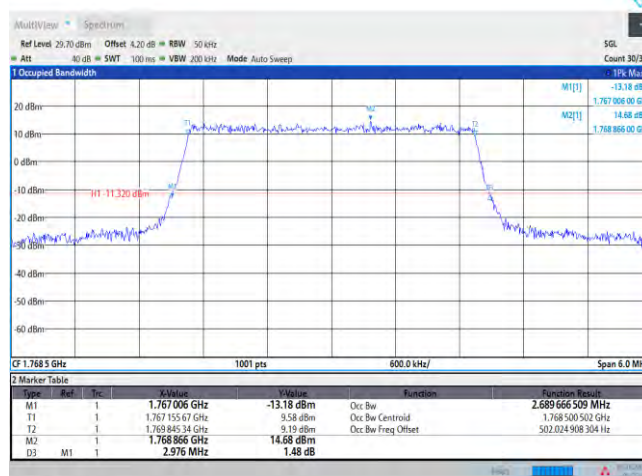
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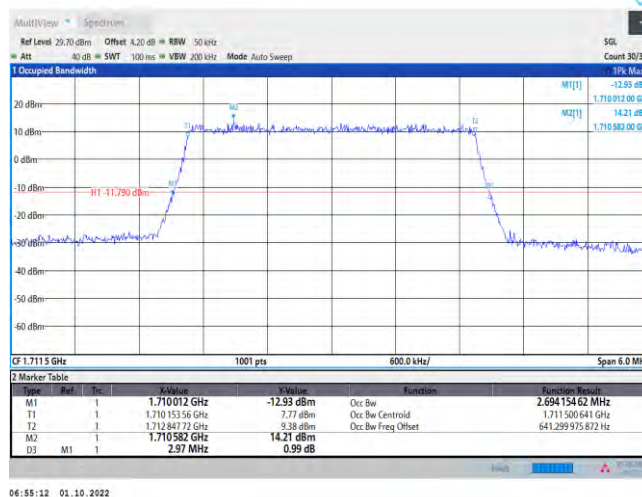
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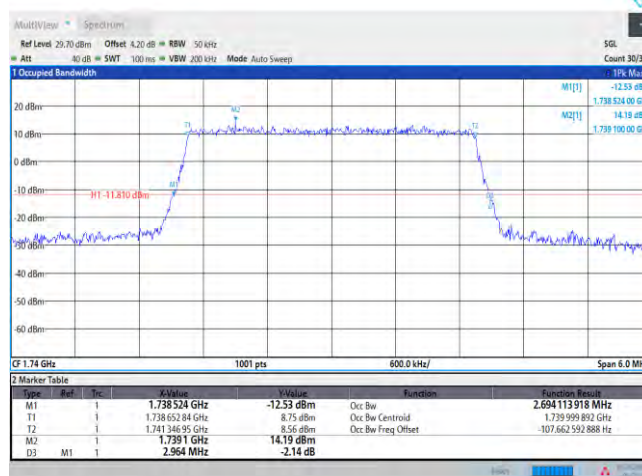
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Band66-3MHz-64QAM-132272-15RB#0



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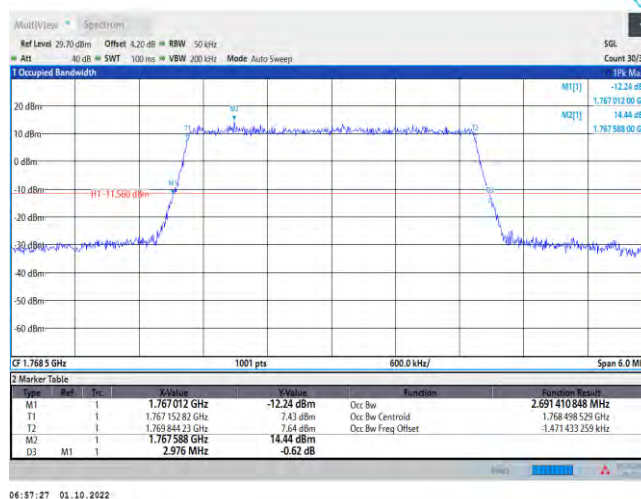
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Band66-3MHz-256QAM-131987-15RB#0



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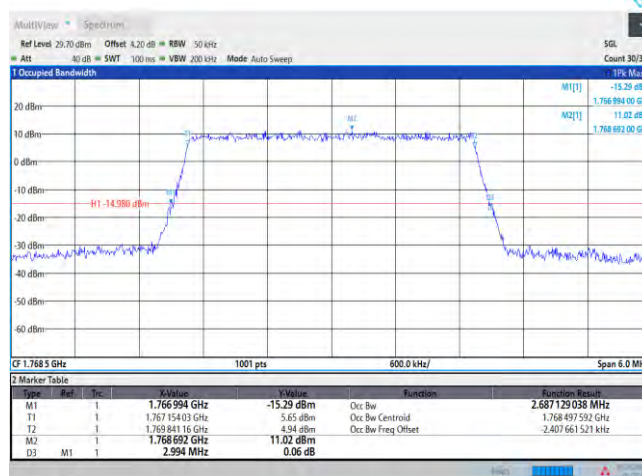
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Band66-3MHz-256QAM-132272-15RB#0



06:56:35 01.10.2022

Band66-3MHz-256QAM-132557-15RB#0



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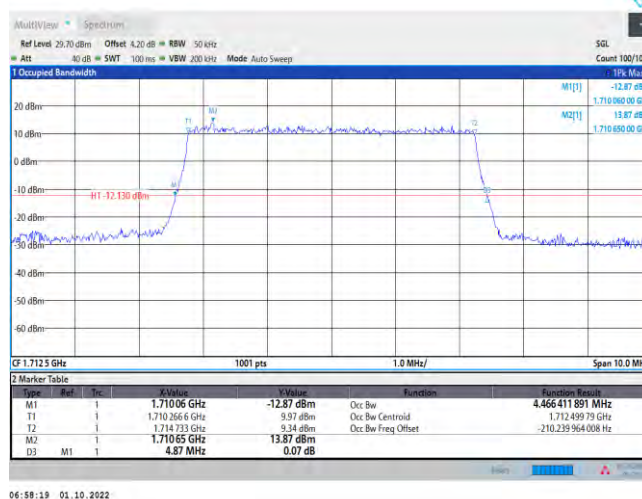
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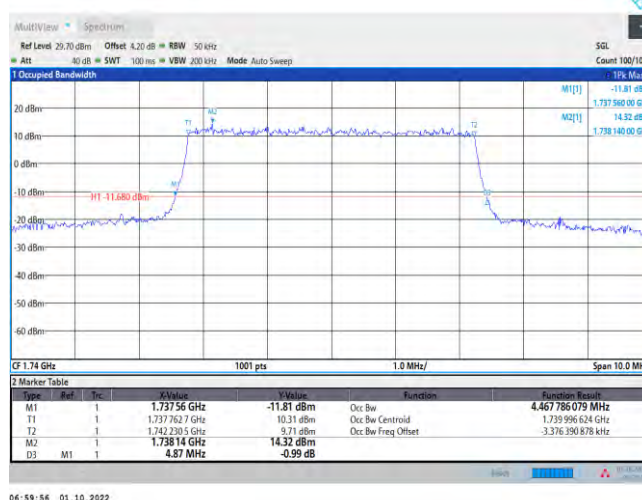
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Band66-5MHz-QPSK-131997-25RB#0



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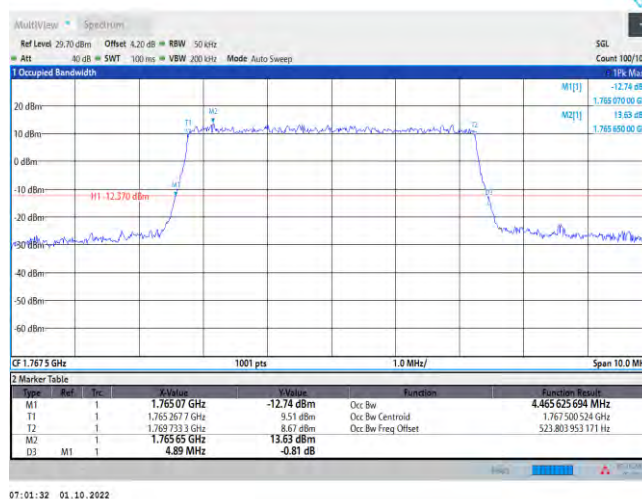
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07:01:32 01.10.2022

Band66-5MHz-16QAM-131997-25RB#0



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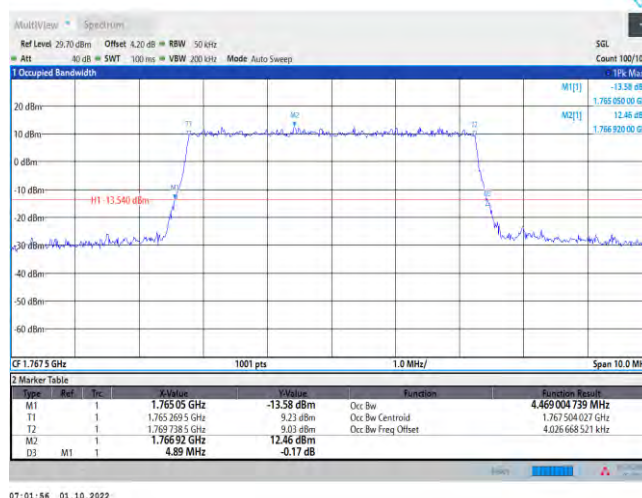
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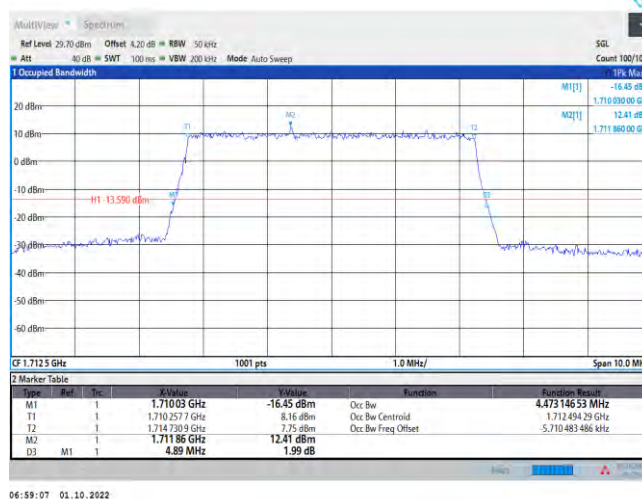
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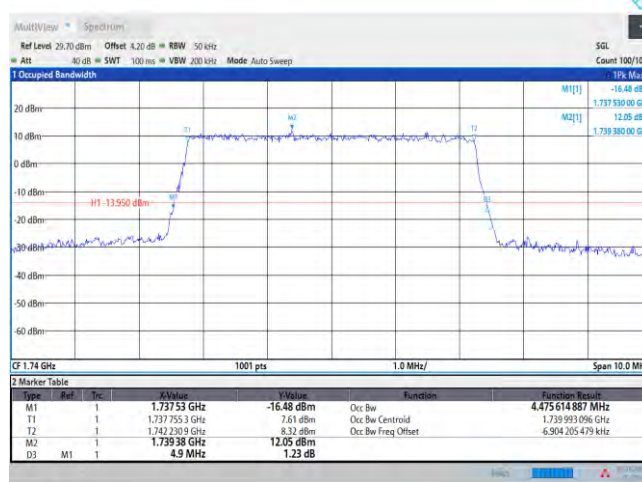
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06:59:07 01.10.2022

Band66-5MHz-64QAM-132272-25RB#0



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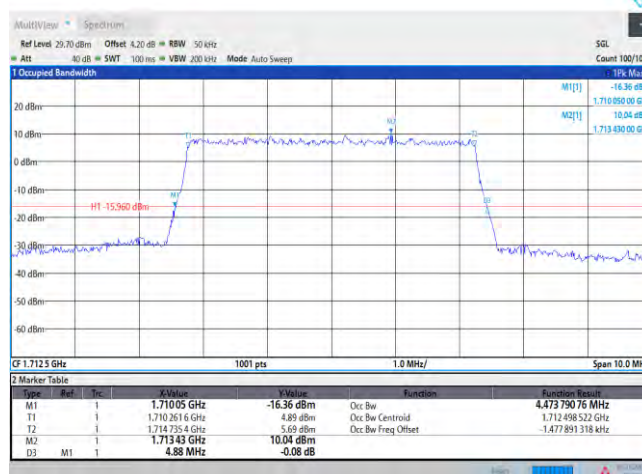
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Band66-5MHz-256QAM-131997-25RB#0



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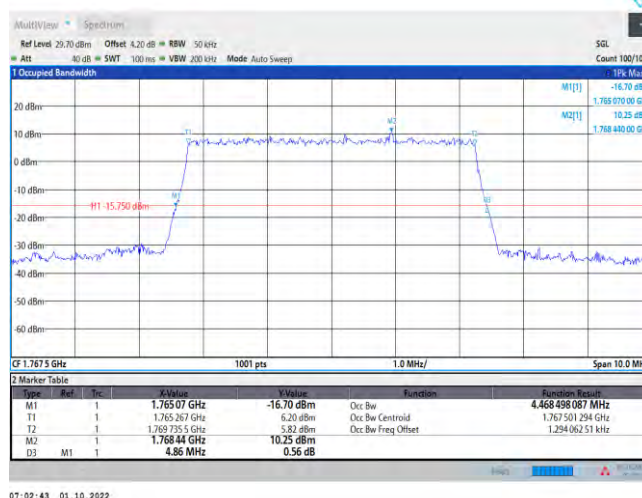
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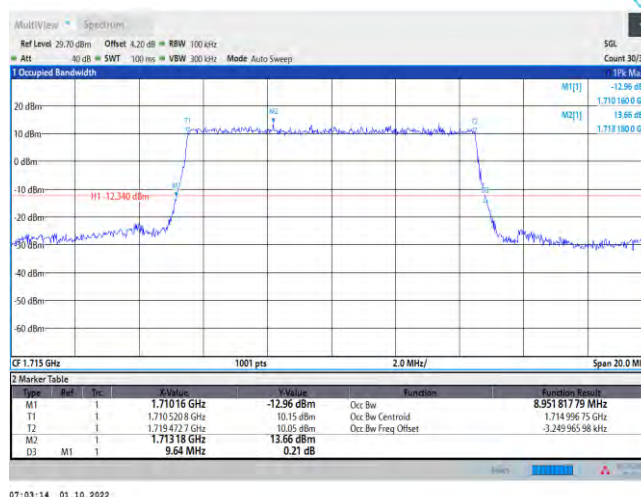
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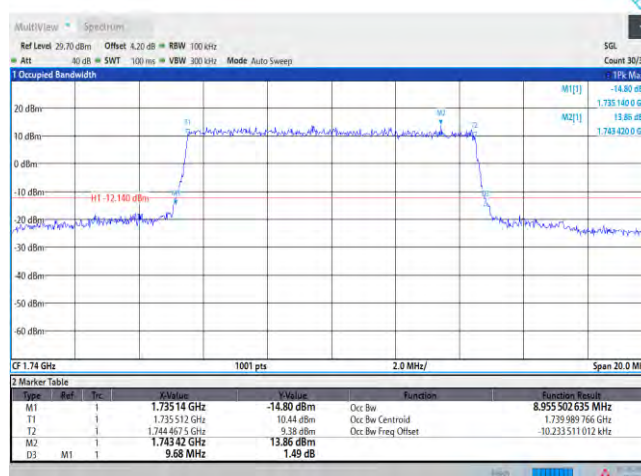
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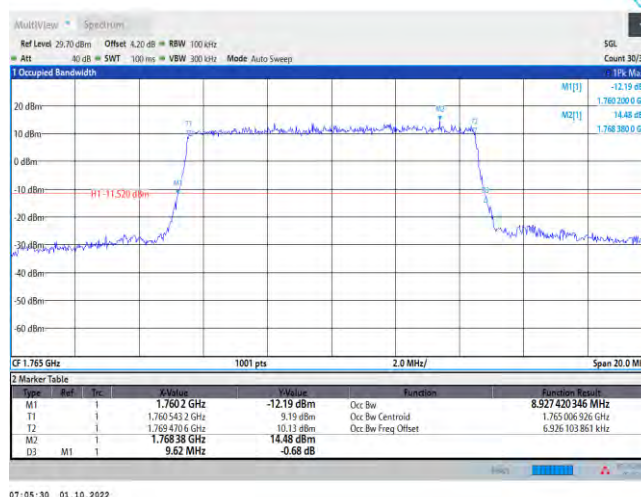
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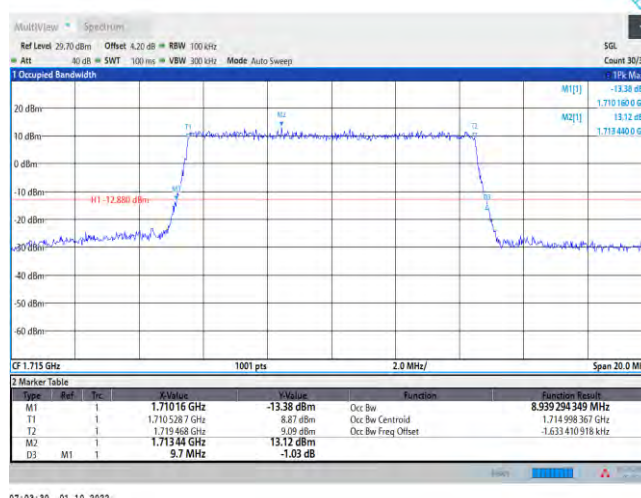
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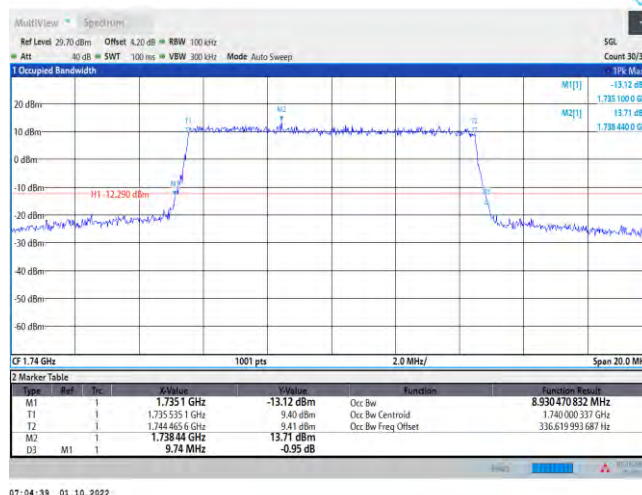
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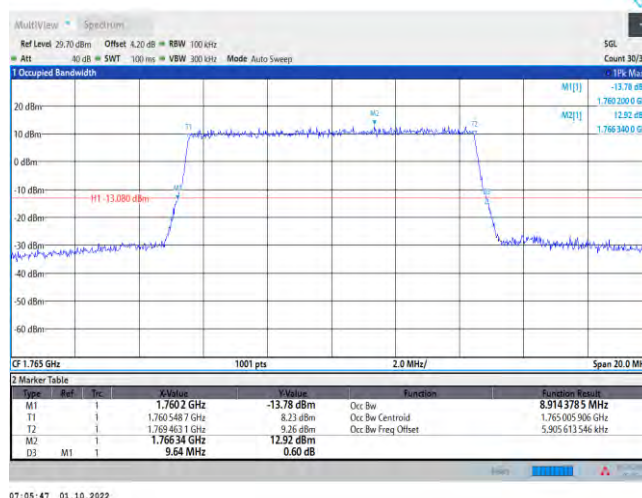
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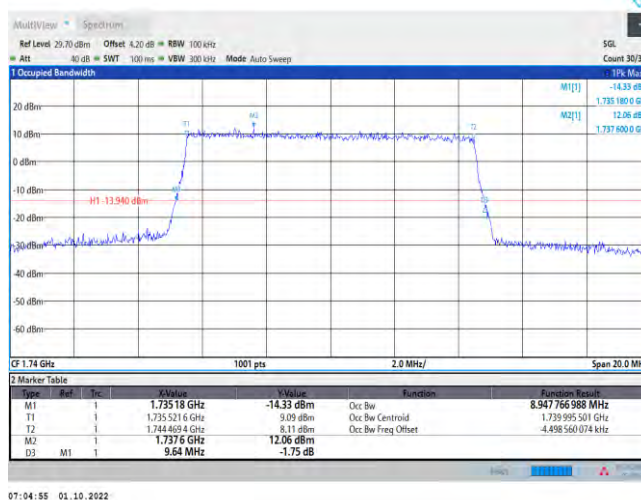
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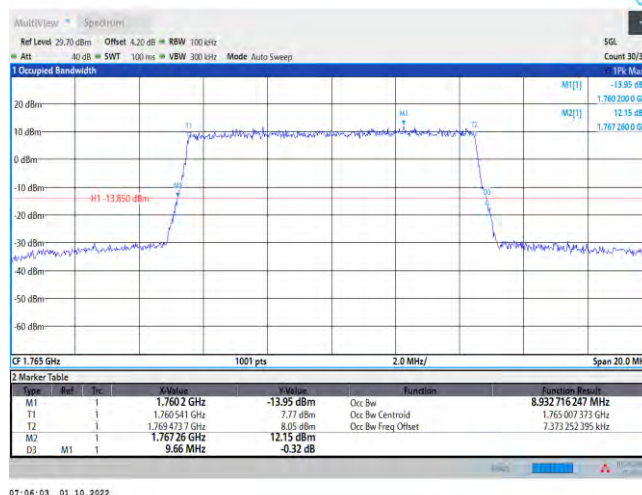
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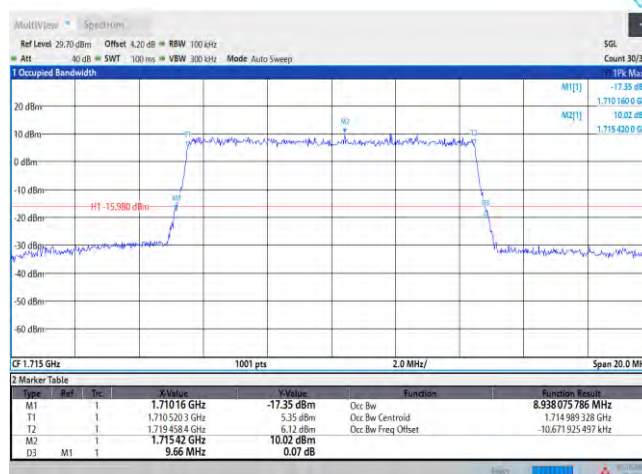
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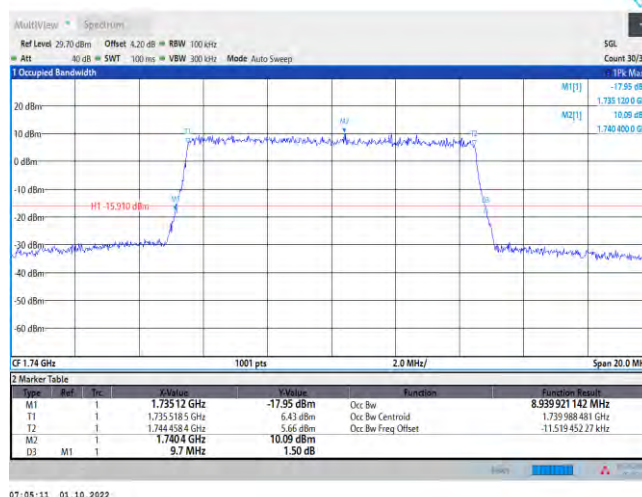
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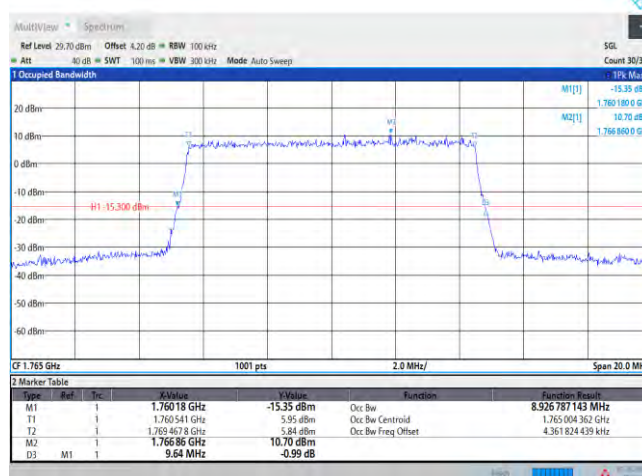
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Band66-10MHz-256QAM-132522-50RB#0



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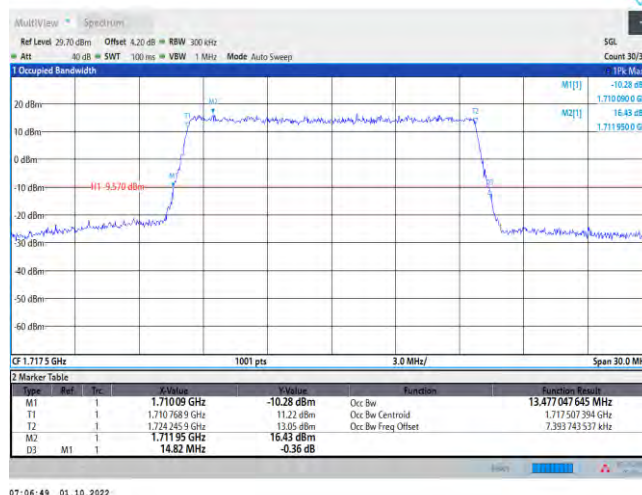
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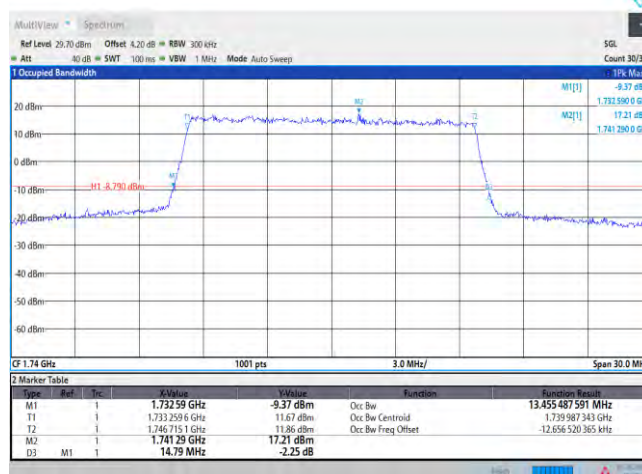
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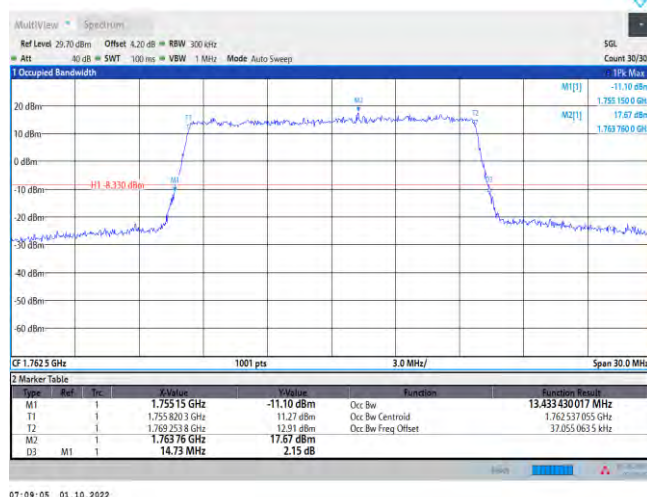
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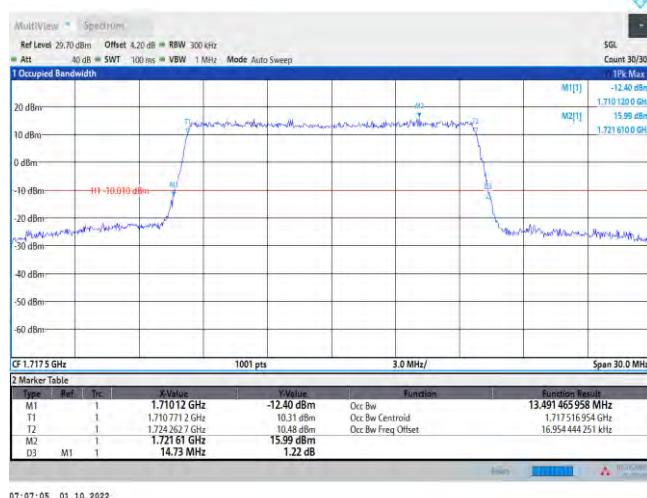
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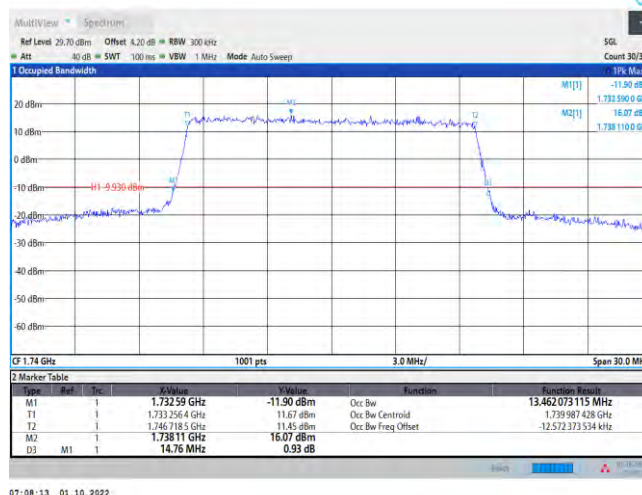
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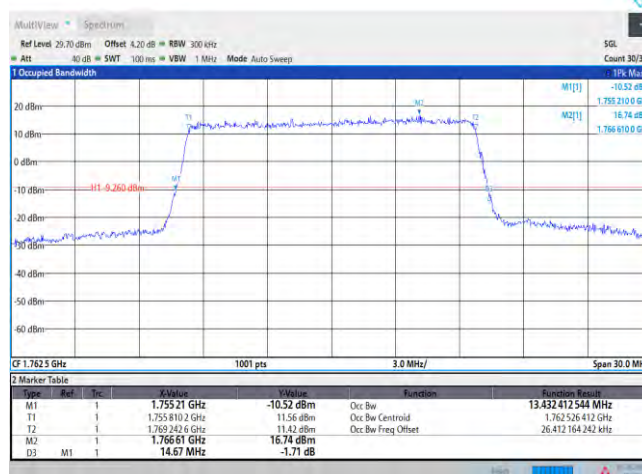
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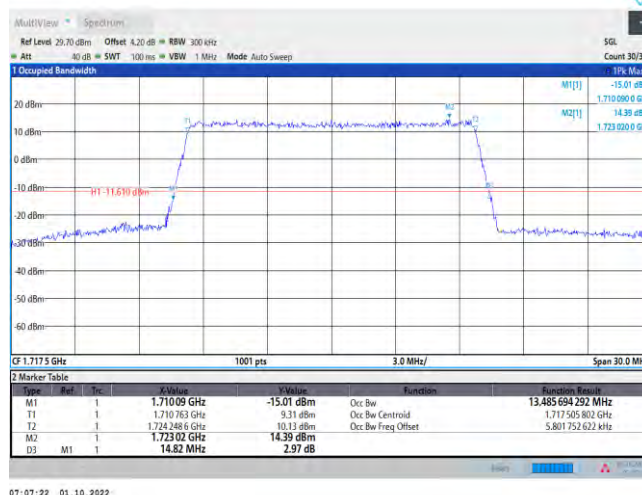
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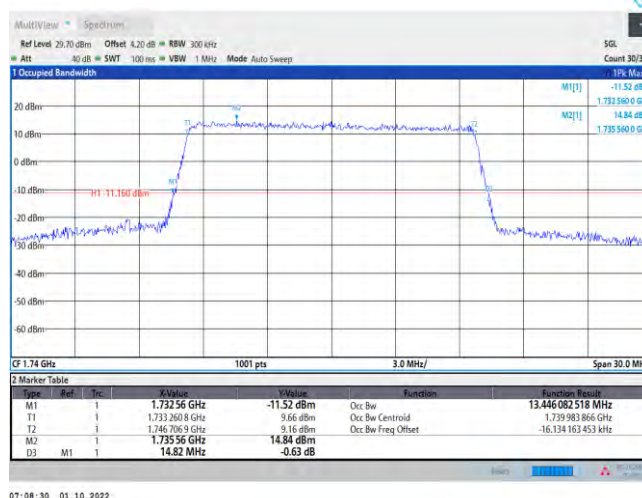
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Band66-15MHz-64QAM-132047-75RB#0



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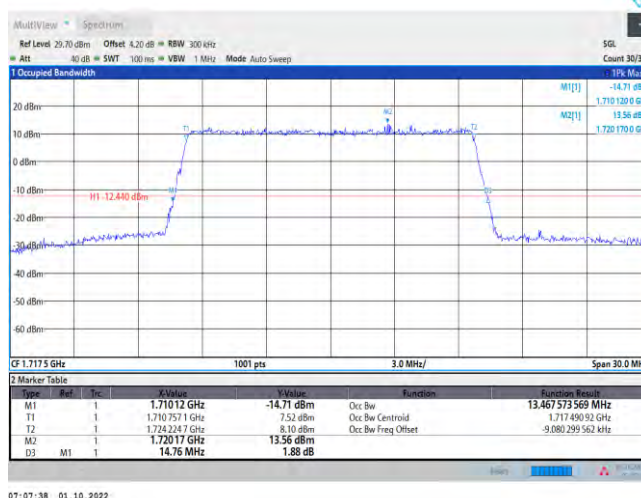
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Band66-15MHz-256QAM-132047-75RB#0



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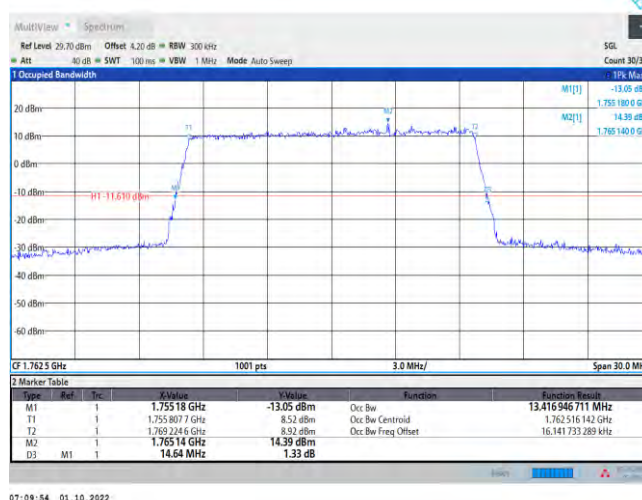
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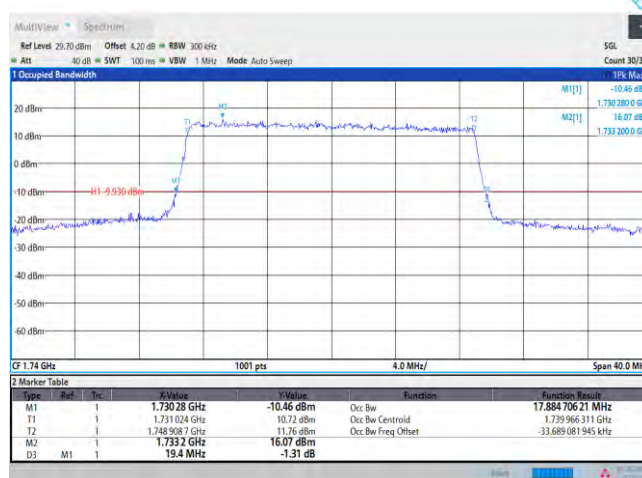
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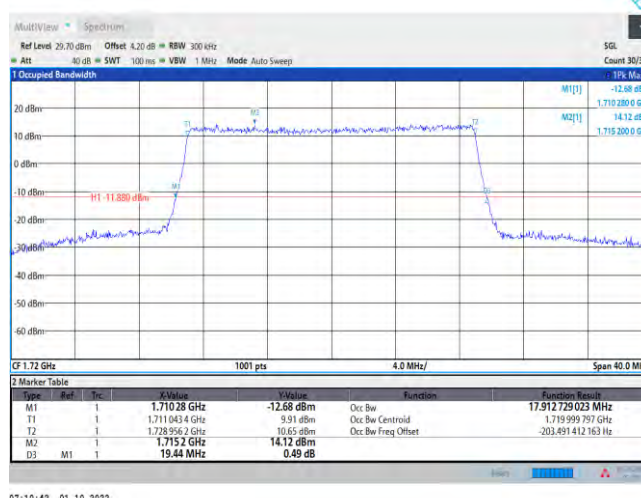
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Band66-20MHz-16QAM-132072-100RB#0



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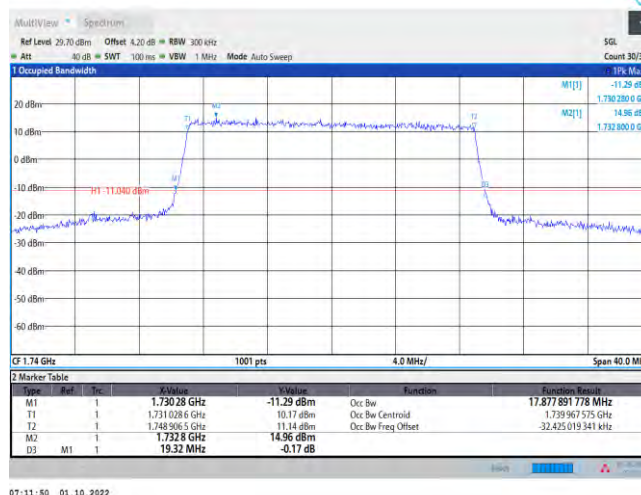
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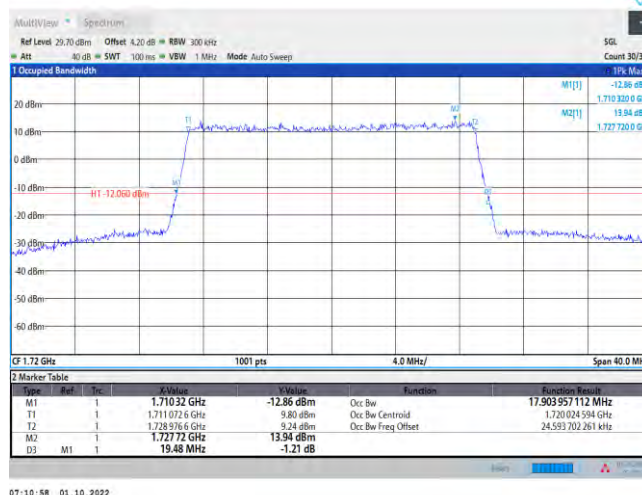
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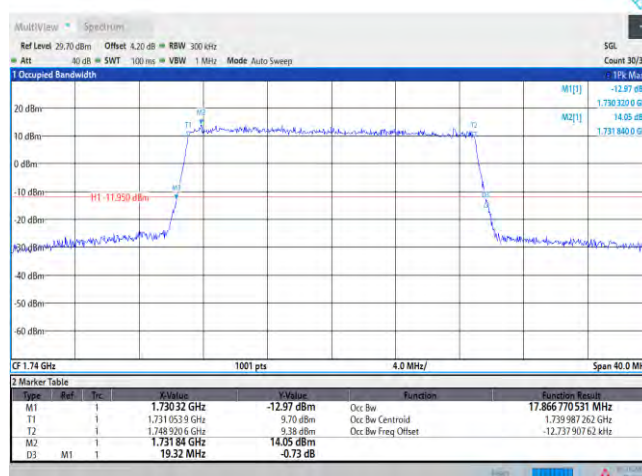
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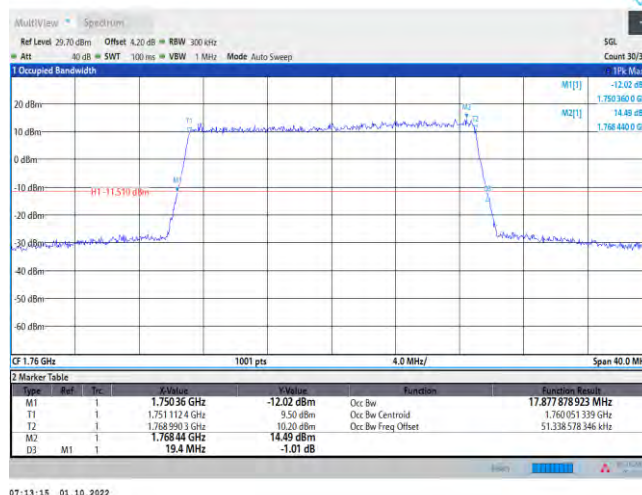
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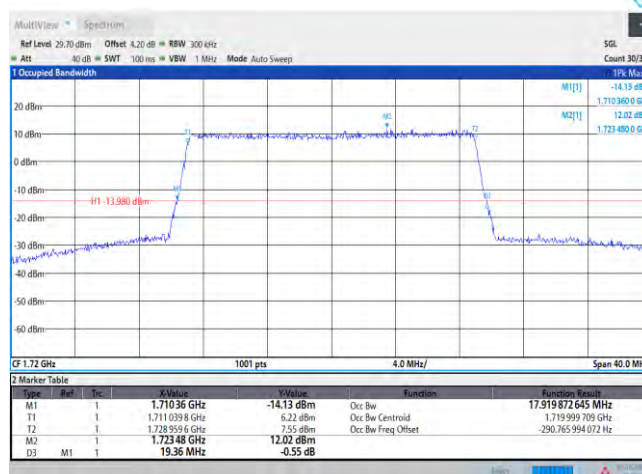
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Band66-20MHz-256QAM-132272-100RB#0



Band66-20MHz-256QAM-132472-100RB#0



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Band Edge

Test Graphs

Band66-1.4MHz-QPSK-131979-1RB#0



Band66-1.4MHz-QPSK-131979-6RB#0



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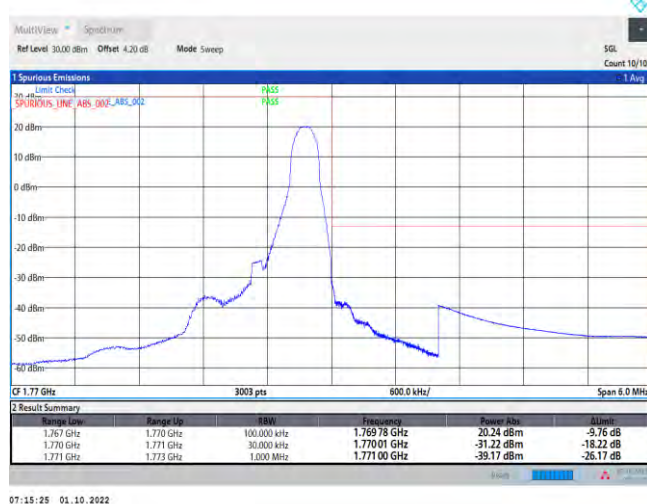
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Band66-1.4MHz-QPSK-132565-6RB#0



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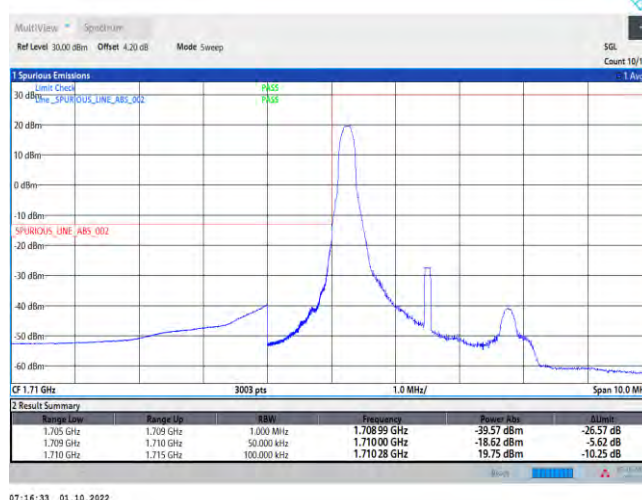
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Band66-3MHz-QPSK-131987-15RB#0



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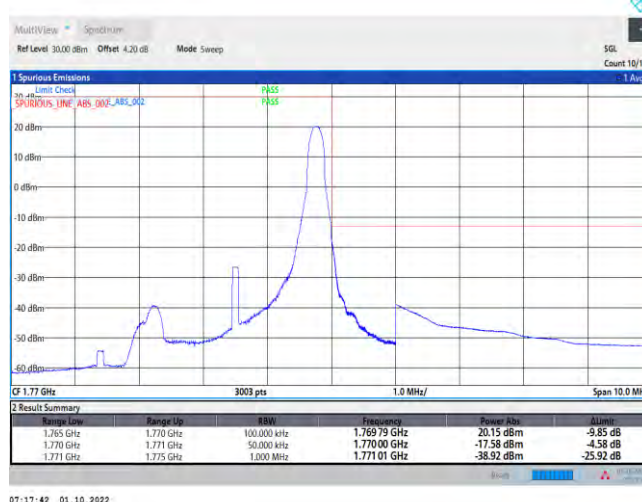
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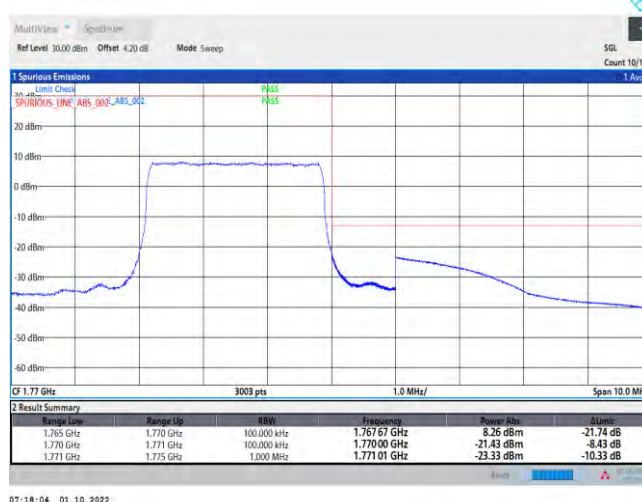
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Band66-3MHz-QPSK-132557-1RB#14



Band66-3MHz-QPSK-132557-15RB#0



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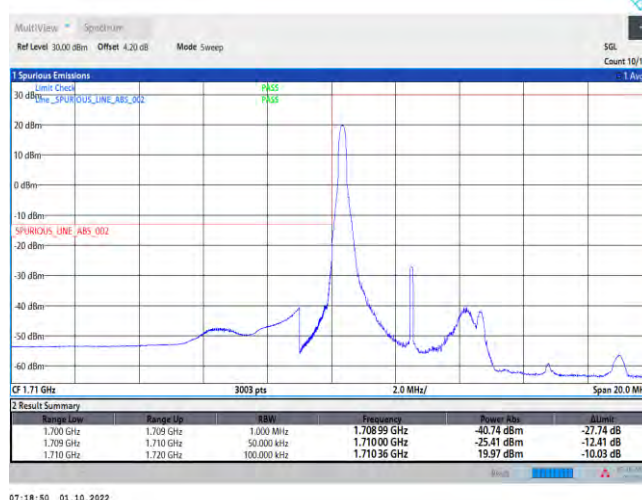
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Band66-5MHz-QPSK-131997-25RB#0



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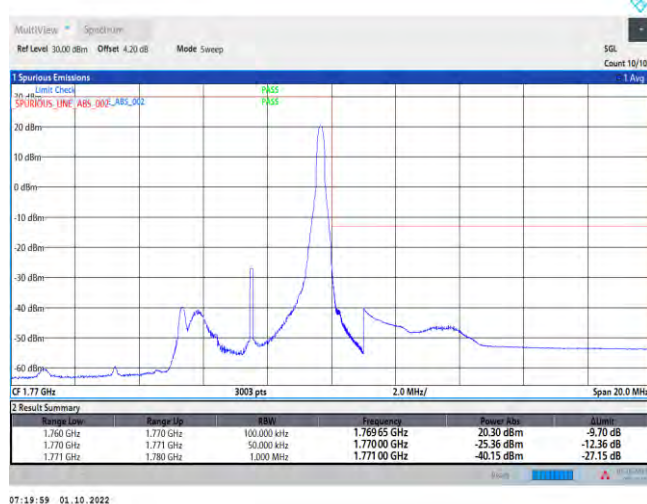
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Band66-5MHz-QPSK-132547-1RB#24



Band66-5MHz-QPSK-132547-25RB#0



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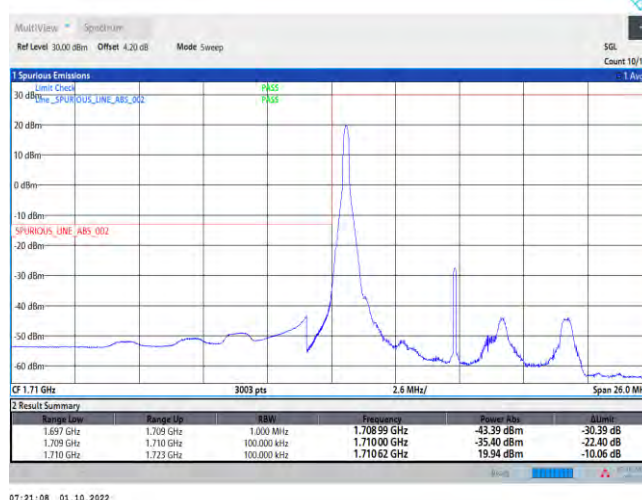
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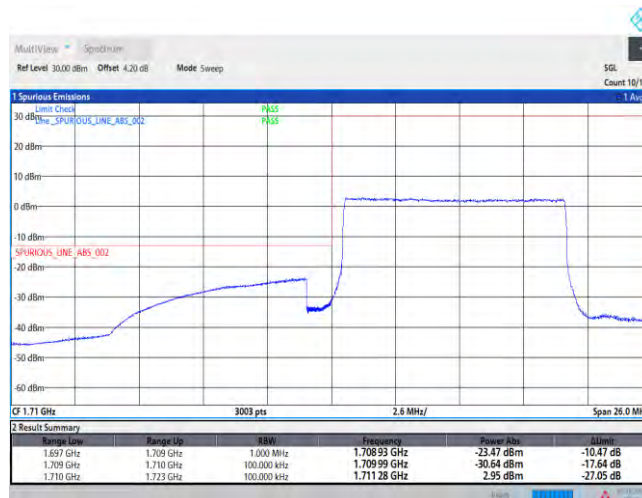
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Band66-10MHz-QPSK-132022-1RB#0



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Band66-10MHz-QPSK-132022-50RB#0



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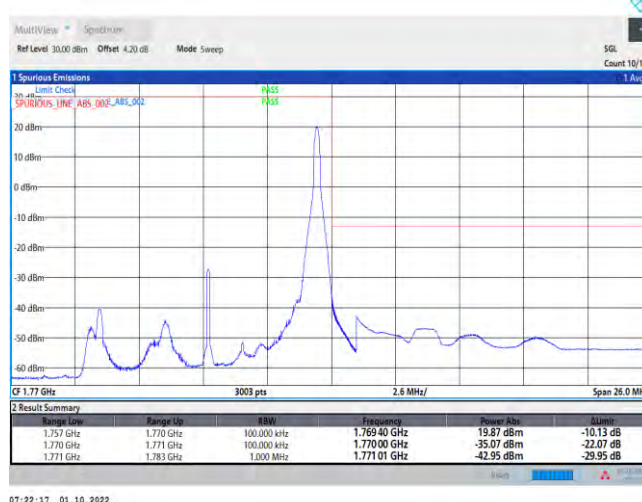
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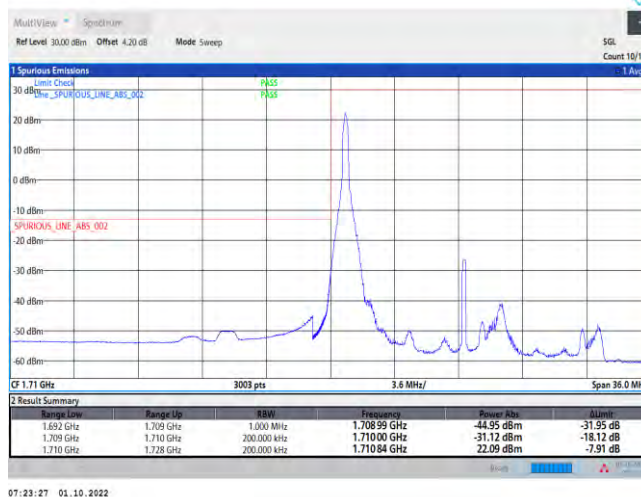
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Band66-15MHz-QPSK-132047-75RB#0



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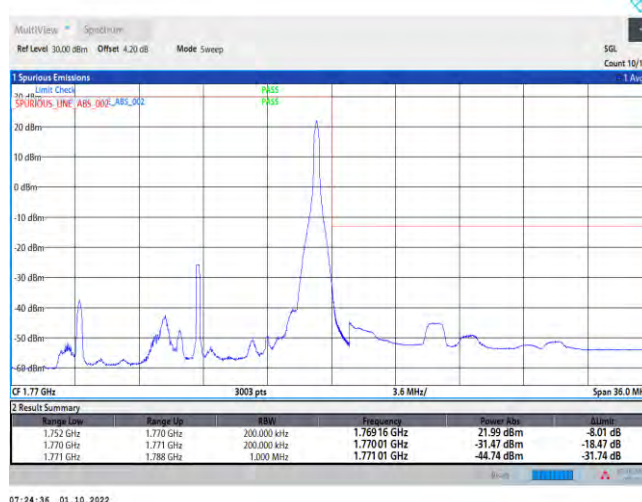
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Band66-15MHz-QPSK-132497-75RB#0



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Band66-20MHz-QPSK-132072-100RB#0



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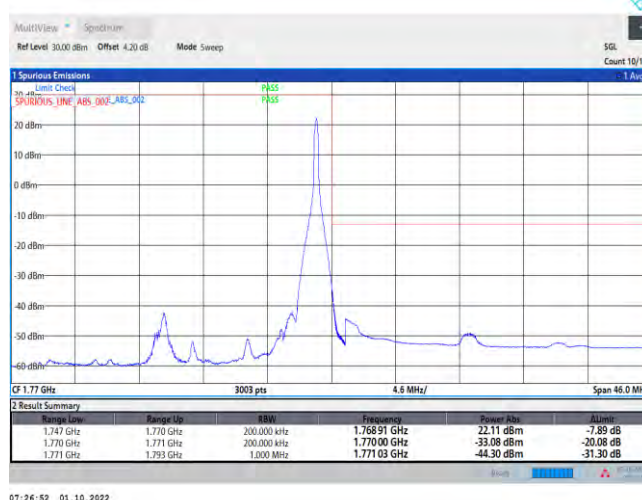
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Band66-20MHz-QPSK-132472-100RB#0



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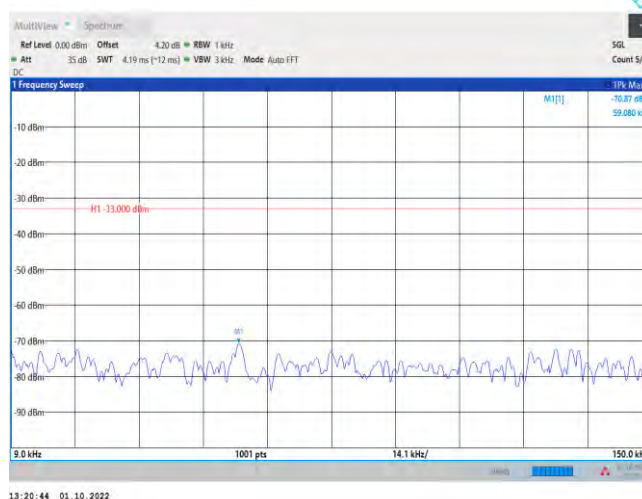
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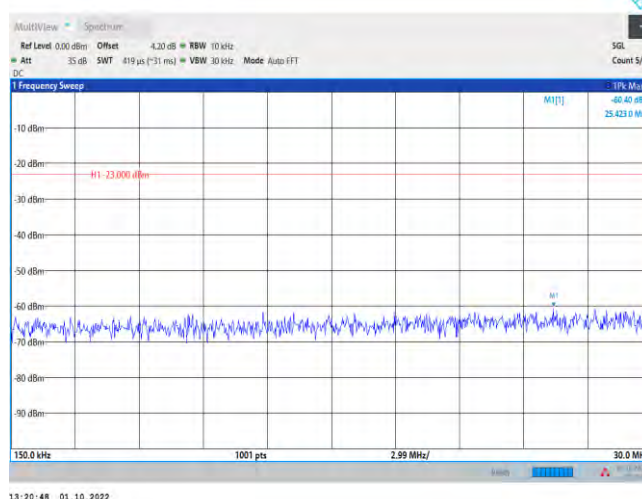
Conducted Spurious Emission

Test Graphs

Band66-20MHz-QPSK-132072-1RB#0-Range1:0.009~0.15MHz



Band66-20MHz-QPSK-132072-1RB#0-Range2:0.15~30MHz



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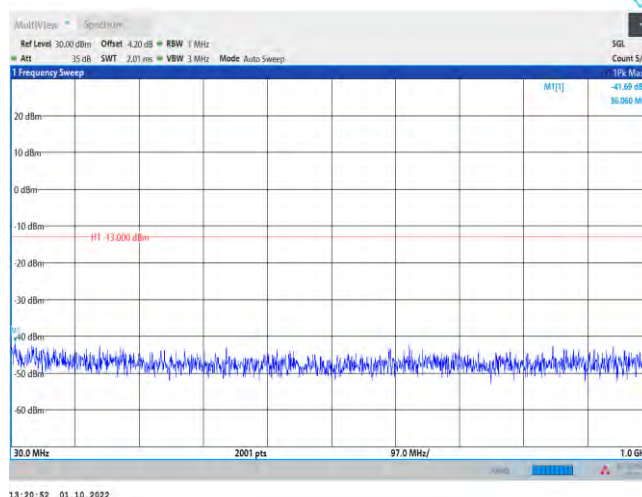
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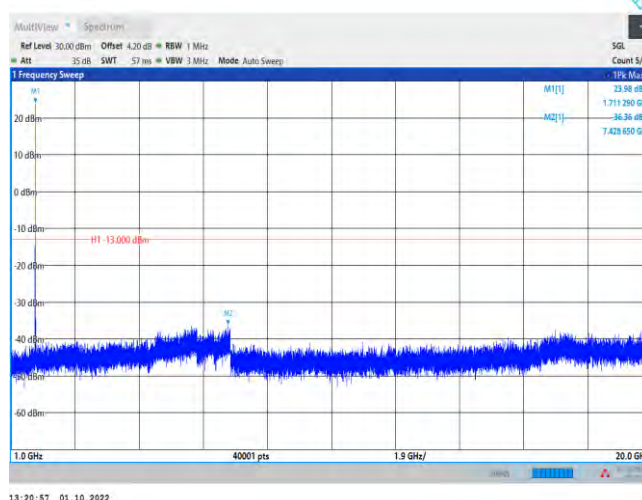
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Band66-20MHz-QPSK-132072-1RB#0-Range3:30~1000MHz



Band66-20MHz-QPSK-132072-1RB#0-Range4:1000~20000MHz



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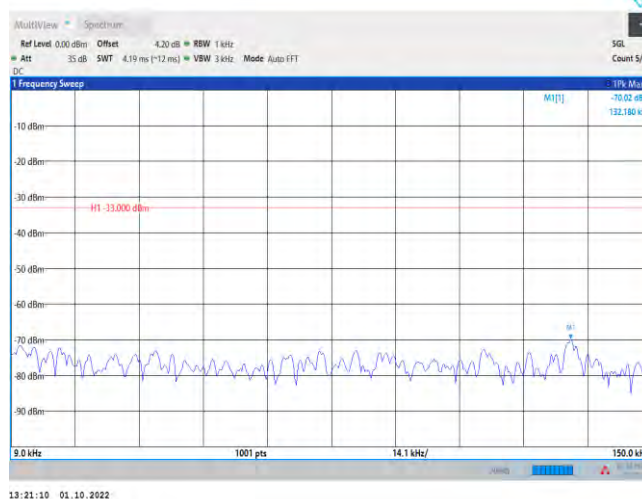
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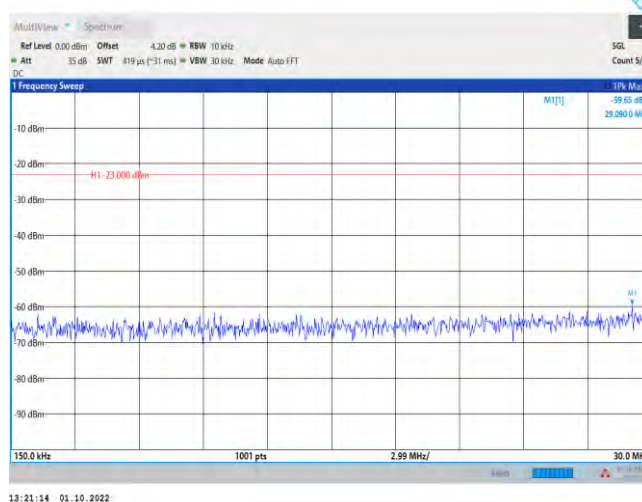
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Band66-20MHz-QPSK-132272-1RB#0-Range1:0.009~0.15MHz



Band66-20MHz-QPSK-132272-1RB#0-Range2:0.15~30MHz



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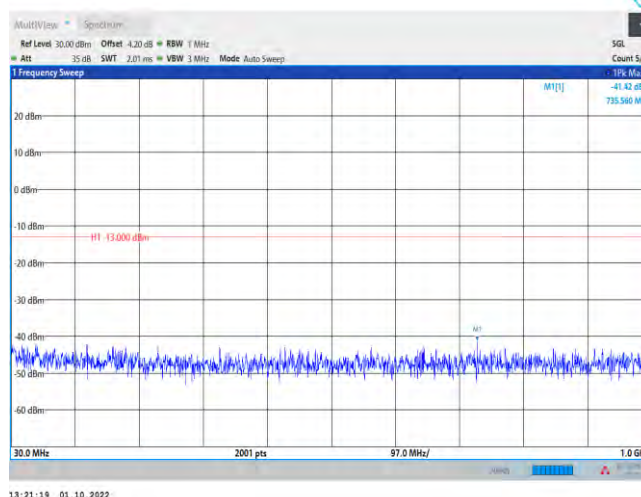
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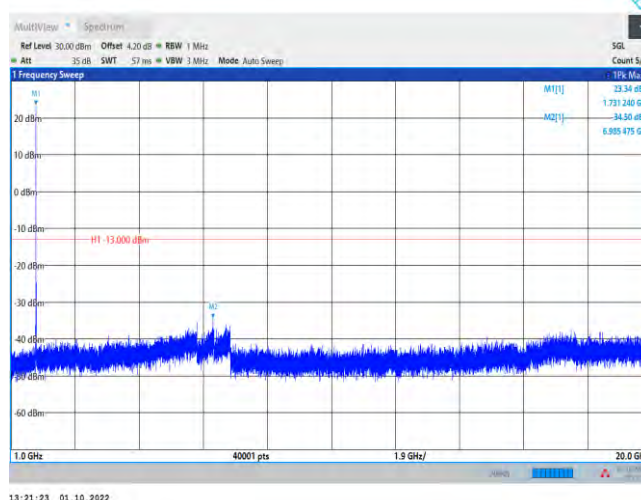
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Band66-20MHz-QPSK-132272-1RB#0-Range3:30~1000MHz



Band66-20MHz-QPSK-132272-1RB#0-Range4:1000~20000MHz



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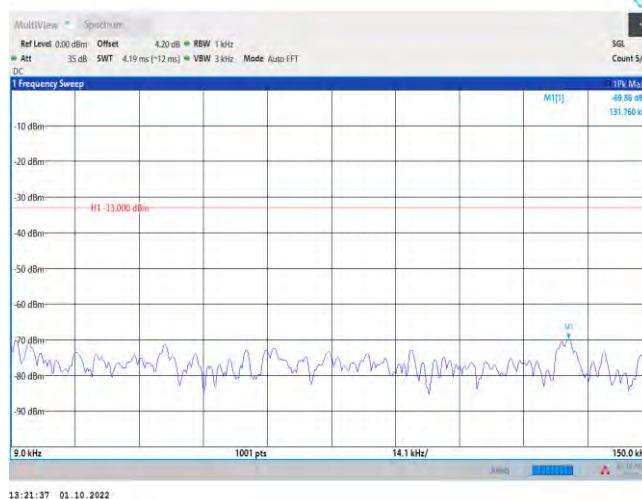
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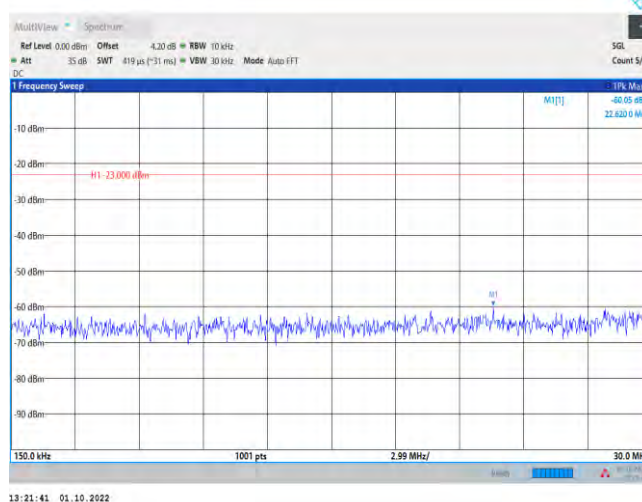
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Band66-20MHz-QPSK-132472-1RB#0-Range1:0.009~0.15MHz



Band66-20MHz-QPSK-132472-1RB#0-Range2:0.15~30MHz



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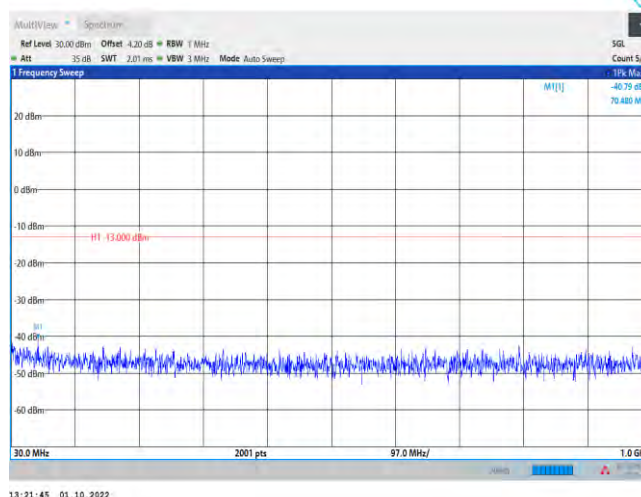
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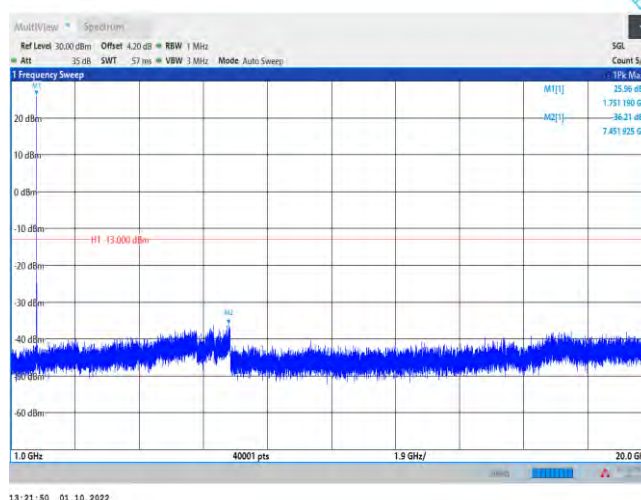
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Band66-20MHz-QPSK-132472-1RB#0-Range3:30~1000MHz



Band66-20MHz-QPSK-132472-1RB#0-Range4:1000~20000MHz



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Field Strength of Spurious Radiation

Test Band = LTE Band 66 ANT0_ TM1

Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.18	49.84	-45.92	29.44	-61.90	-13.00	48.90	163	357	Horizontal
2	5106.27	48.36	-44.28	32.60	-58.58	-13.00	45.58	214	350	Horizontal
3	6808.36	47.72	-42.55	35.82	-54.27	-13.00	41.27	223	62	Horizontal
4	8510.45	41.92	-39.54	38.06	-54.82	-13.00	41.82	251	3	Horizontal
5	10212.54	39.73	-36.59	38.73	-53.38	-13.00	40.38	197	305	Horizontal
6	11914.63	40.18	-35.10	38.68	-51.50	-13.00	38.50	253	257	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.18	49.87	-45.92	29.44	-61.87	-13.00	48.87	213	348	Vertical
2	5106.27	48.27	-44.28	32.60	-58.67	-13.00	45.67	142	140	Vertical
3	6808.36	46.50	-42.55	35.82	-55.49	-13.00	42.49	197	167	Vertical
4	8510.45	42.46	-39.54	38.06	-54.28	-13.00	41.28	253	88	Vertical
5	10212.54	40.41	-36.59	38.73	-52.70	-13.00	39.70	163	205	Vertical
6	11914.63	39.86	-35.10	38.68	-51.82	-13.00	38.82	224	359	Vertical



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Test Band = LTE Band 66 ANT0_ TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3454.18	49.86	-45.80	29.42	-61.78	-13.00	48.78	136	359	Horizontal
2	5181.27	49.81	-44.18	32.60	-57.03	-13.00	44.03	196	51	Horizontal
3	6908.36	46.37	-42.44	36.02	-55.32	-13.00	42.32	214	280	Horizontal
4	8635.45	44.05	-39.66	38.20	-52.67	-13.00	39.67	163	208	Horizontal
5	10362.54	40.87	-36.60	38.90	-52.10	-13.00	39.10	186	195	Horizontal
6	12089.63	40.53	-35.20	38.69	-51.24	-13.00	38.24	192	243	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3454.18	49.18	-45.80	29.42	-62.46	-13.00	49.46	215	159	Vertical
2	5181.27	47.29	-44.18	32.60	-59.55	-13.00	46.55	263	305	Vertical
3	6908.36	45.86	-42.44	36.02	-55.83	-13.00	42.83	163	305	Vertical
4	8635.45	42.84	-39.66	38.20	-53.88	-13.00	40.88	195	294	Vertical
5	10362.54	40.64	-36.60	38.90	-52.33	-13.00	39.33	224	305	Vertical
6	12089.63	40.02	-35.20	38.69	-51.75	-13.00	38.75	129	63	Vertical



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Test Band = LTE Band 66 ANT0_ TM1

Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3504.18	50.70	-45.67	29.41	-60.82	-13.00	47.82	169	360	Horizontal
2	5256.27	49.24	-44.07	32.60	-57.49	-13.00	44.49	172	304	Horizontal
3	7008.36	46.21	-42.58	36.21	-55.42	-13.00	42.42	182	98	Horizontal
4	8760.45	44.44	-39.21	38.34	-51.70	-13.00	38.70	231	292	Horizontal
5	10512.54	40.78	-36.36	39.06	-51.78	-13.00	38.78	174	207	Horizontal
6	12262.63	38.04	-35.13	38.86	-53.49	-13.00	40.49	221	232	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3504.18	49.17	-45.67	29.41	-62.35	-13.00	49.35	163	359	Vertical
2	5256.27	49.70	-44.07	32.60	-57.03	-13.00	44.03	192	134	Vertical
3	7008.36	46.61	-42.58	36.21	-55.02	-13.00	42.02	142	291	Vertical
4	8760.45	44.61	-39.21	38.34	-51.53	-13.00	38.53	175	159	Vertical
5	10512.54	40.33	-36.36	39.06	-52.23	-13.00	39.23	184	356	Vertical
6	12262.63	37.56	-35.13	38.86	-53.97	-13.00	40.97	169	49	Vertical



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Test Band = LTE Band 66 ANT1_ TM1
Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.18	49.38	-45.92	29.44	-62.36	-13.00	49.36	159	159	Horizontal
2	5106.27	49.06	-44.28	32.60	-57.88	-13.00	44.88	163	305	Horizontal
3	6808.36	47.82	-42.55	35.82	-54.17	-13.00	41.17	214	357	Horizontal
4	8510.45	44.63	-39.54	38.06	-52.11	-13.00	39.11	225	87	Horizontal
5	10212.54	41.18	-36.59	38.73	-51.93	-13.00	38.93	186	233	Horizontal
6	11914.63	41.36	-35.10	38.68	-50.32	-13.00	37.32	172	76	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.18	49.79	-45.92	29.44	-61.95	-13.00	48.95	169	51	Vertical
2	5106.27	49.37	-44.28	32.60	-57.57	-13.00	44.57	214	231	Vertical
3	6808.36	47.20	-42.55	35.82	-54.79	-13.00	41.79	226	293	Vertical
4	8510.45	44.34	-39.54	38.06	-52.40	-13.00	39.40	134	74	Vertical
5	10212.54	40.15	-36.59	38.73	-52.96	-13.00	39.96	172	3	Vertical
6	11914.63	40.47	-35.10	38.68	-51.21	-13.00	38.21	183	329	Vertical



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Test Band = LTE Band 66 ANT1_ TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3454.18	49.80	-45.80	29.42	-61.84	-13.00	48.84	153	64	Horizontal
2	5181.27	49.06	-44.18	32.60	-57.78	-13.00	44.78	169	209	Horizontal
3	6908.36	47.34	-42.44	36.02	-54.35	-13.00	41.35	215	360	Horizontal
4	8635.45	44.61	-39.66	38.20	-52.11	-13.00	39.11	228	342	Horizontal
5	10362.54	41.43	-36.60	38.90	-51.54	-13.00	38.54	197	246	Horizontal
6	12089.63	43.10	-35.20	38.69	-48.67	-13.00	35.67	163	15	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3454.18	49.73	-45.80	29.42	-61.91	-13.00	48.91	219	99	Vertical
2	5181.27	48.33	-44.18	32.60	-58.51	-13.00	45.51	224	74	Vertical
3	6908.36	47.97	-42.44	36.02	-53.72	-13.00	40.72	271	330	Vertical
4	8635.45	43.67	-39.66	38.20	-53.05	-13.00	40.05	263	62	Vertical
5	10362.54	41.37	-36.60	38.90	-51.60	-13.00	38.60	175	342	Vertical
6	12089.63	41.48	-35.20	38.69	-50.29	-13.00	37.29	186	342	Vertical



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Test Band = LTE Band 66 ANT1_ TM1

Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3504.18	49.31	-45.67	29.41	-62.21	-13.00	49.21	156	330	Horizontal
2	5256.27	49.47	-44.07	32.60	-57.26	-13.00	44.26	178	172	Horizontal
3	7008.36	46.34	-42.58	36.21	-55.29	-13.00	42.29	195	62	Horizontal
4	8760.45	44.47	-39.21	38.34	-51.67	-13.00	38.67	214	233	Horizontal
5	10512.54	40.44	-36.36	39.06	-52.12	-13.00	39.12	225	360	Horizontal
6	12262.63	37.79	-35.13	38.86	-53.74	-13.00	40.74	263	269	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3504.18	48.87	-45.67	29.41	-62.65	-13.00	49.65	169	124	Vertical
2	5256.27	48.63	-44.07	32.60	-58.10	-13.00	45.10	214	330	Vertical
3	7008.36	46.64	-42.58	36.21	-54.99	-13.00	41.99	228	233	Vertical
4	8760.45	46.19	-39.21	38.34	-49.95	-13.00	36.95	163	245	Vertical
5	10512.54	40.10	-36.36	39.06	-52.46	-13.00	39.46	271	99	Vertical
6	12262.63	38.60	-35.13	38.86	-52.93	-13.00	39.93	116	330	Vertical



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Test Band = LTE Band 66 ANT2_ TM1
 Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.18	50.07	-45.92	29.44	-61.67	-13.00	48.67	227	350	Horizontal
2	5106.27	48.50	-44.28	32.60	-58.44	-13.00	45.44	156	73	Horizontal
3	6808.36	47.18	-42.55	35.82	-54.81	-13.00	41.81	193	86	Horizontal
4	8510.45	43.46	-39.54	38.06	-53.28	-13.00	40.28	168	135	Horizontal
5	10212.54	41.60	-36.59	38.73	-51.51	-13.00	38.51	179	148	Horizontal
6	11914.63	39.40	-35.10	38.68	-52.28	-13.00	39.28	281	50	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.18	49.51	-45.92	29.44	-62.23	-13.00	49.23	169	195	Vertical
2	5106.27	48.32	-44.28	32.60	-58.62	-13.00	45.62	172	360	Vertical
3	6808.36	46.81	-42.55	35.82	-55.18	-13.00	42.18	183	350	Vertical
4	8510.45	44.18	-39.54	38.06	-52.56	-13.00	39.56	164	83	Vertical
5	10212.54	40.43	-36.59	38.73	-52.68	-13.00	39.68	271	158	Vertical
6	11914.63	39.78	-35.10	38.68	-51.90	-13.00	38.90	228	360	Vertical



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Test Band = LTE Band 66 ANT2_ TM1
Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3454.18	49.96	-45.80	29.42	-61.68	-13.00	48.68	169	359	Horizontal
2	5181.27	48.96	-44.18	32.60	-57.88	-13.00	44.88	214	3	Horizontal
3	6908.36	46.54	-42.44	36.02	-55.15	-13.00	42.15	286	125	Horizontal
4	8635.45	43.94	-39.66	38.20	-52.78	-13.00	39.78	163	148	Horizontal
5	10362.54	40.80	-36.60	38.90	-52.17	-13.00	39.17	172	51	Horizontal
6	12089.63	39.49	-35.20	38.69	-52.28	-13.00	39.28	256	136	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3454.18	49.44	-45.80	29.42	-62.20	-13.00	49.20	163	63	Vertical
2	5181.27	49.00	-44.18	32.60	-57.84	-13.00	44.84	241	26	Vertical
3	6908.36	46.96	-42.44	36.02	-54.73	-13.00	41.73	229	135	Vertical
4	8635.45	43.57	-39.66	38.20	-53.15	-13.00	40.15	186	38	Vertical
5	10362.54	40.73	-36.60	38.90	-52.24	-13.00	39.24	217	222	Vertical
6	12089.63	40.90	-35.20	38.69	-50.87	-13.00	37.87	256	51	Vertical



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Test Band = LTE Band 66 ANT2_ TM1

Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3504.18	49.03	-45.67	29.41	-62.49	-13.00	49.49	163	360	Horizontal
2	5256.27	48.93	-44.07	32.60	-57.80	-13.00	44.80	178	358	Horizontal
3	7008.36	46.40	-42.58	36.21	-55.23	-13.00	42.23	192	333	Horizontal
4	8760.45	44.10	-39.21	38.34	-52.04	-13.00	39.04	142	101	Horizontal
5	10512.54	40.91	-36.36	39.06	-51.65	-13.00	38.65	158	272	Horizontal
6	12262.63	37.47	-35.13	38.86	-54.06	-13.00	41.06	173	63	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3504.18	49.86	-45.67	29.41	-61.66	-13.00	48.66	169	87	Vertical
2	5256.27	49.24	-44.07	32.60	-57.49	-13.00	44.49	213	209	Vertical
3	7008.36	46.53	-42.58	36.21	-55.10	-13.00	42.10	253	343	Vertical
4	8760.45	43.38	-39.21	38.34	-52.76	-13.00	39.76	164	360	Vertical
5	10512.54	40.42	-36.36	39.06	-52.14	-13.00	39.14	178	74	Vertical
6	12262.63	37.52	-35.13	38.86	-54.01	-13.00	41.01	156	184	Vertical



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Test Band = LTE Band 66 ANT3_ TM1

Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.18	49.54	-45.92	29.44	-62.20	-13.00	49.20	169	112	Horizontal
2	5106.27	48.23	-44.28	32.60	-58.71	-13.00	45.71	142	75	Horizontal
3	6808.36	47.03	-42.55	35.82	-54.96	-13.00	41.96	156	174	Horizontal
4	8510.45	43.24	-39.54	38.06	-53.50	-13.00	40.50	217	149	Horizontal
5	10212.54	40.75	-36.59	38.73	-52.36	-13.00	39.36	226	333	Horizontal
6	11914.63	39.20	-35.10	38.68	-52.48	-13.00	39.48	139	88	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.18	49.02	-45.92	29.44	-62.72	-13.00	49.72	176	247	Vertical
2	5106.27	49.10	-44.28	32.60	-57.84	-13.00	44.84	152	332	Vertical
3	6808.36	49.48	-42.55	35.82	-52.51	-13.00	39.51	193	87	Vertical
4	8510.45	43.48	-39.54	38.06	-53.26	-13.00	40.26	241	260	Vertical
5	10212.54	40.14	-36.59	38.73	-52.97	-13.00	39.97	226	358	Vertical
6	11914.63	39.43	-35.10	38.68	-52.25	-13.00	39.25	178	63	Vertical



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Test Band = LTE Band 66 ANT3_ TM1
Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3454.18	49.57	-45.80	29.42	-62.07	-13.00	49.07	136	305	Horizontal
2	5181.27	48.40	-44.18	32.60	-58.44	-13.00	45.44	215	15	Horizontal
3	6908.36	45.20	-42.44	36.02	-56.49	-13.00	43.49	227	281	Horizontal
4	8635.45	42.97	-39.66	38.20	-53.75	-13.00	40.75	186	350	Horizontal
5	10362.54	41.14	-36.60	38.90	-51.83	-13.00	38.83	214	340	Horizontal
6	12089.63	40.66	-35.20	38.69	-51.11	-13.00	38.11	225	359	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3454.18	49.30	-45.80	29.42	-62.34	-13.00	49.34	139	224	Vertical
2	5181.27	48.25	-44.18	32.60	-58.59	-13.00	45.59	214	224	Vertical
3	6908.36	47.07	-42.44	36.02	-54.62	-13.00	41.62	256	236	Vertical
4	8635.45	43.60	-39.66	38.20	-53.12	-13.00	40.12	178	285	Vertical
5	10362.54	41.27	-36.60	38.90	-51.70	-13.00	38.70	198	360	Vertical
6	12089.63	39.46	-35.20	38.69	-52.31	-13.00	39.31	223	174	Vertical



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Test Band = LTE Band 66 ANT3_ TM1

Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3504.18	48.57	-45.67	29.41	-62.95	-13.00	49.95	163	268	Horizontal
2	5256.27	49.01	-44.07	32.60	-57.72	-13.00	44.72	195	232	Horizontal
3	7008.36	46.23	-42.58	36.21	-55.40	-13.00	42.40	241	194	Horizontal
4	8760.45	44.82	-39.21	38.34	-51.32	-13.00	38.32	226	25	Horizontal
5	10512.54	40.76	-36.36	39.06	-51.80	-13.00	38.80	187	61	Horizontal
6	12262.63	38.20	-35.13	38.86	-53.33	-13.00	40.33	193	360	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3504.18	48.61	-45.67	29.41	-62.91	-13.00	49.91	163	26	Vertical
2	5256.27	49.98	-44.07	32.60	-56.75	-13.00	43.75	197	295	Vertical
3	7008.36	45.27	-42.58	36.21	-56.36	-13.00	43.36	215	14	Vertical
4	8760.45	44.82	-39.21	38.34	-51.32	-13.00	38.32	226	283	Vertical
5	10512.54	40.33	-36.36	39.06	-52.23	-13.00	39.23	137	360	Vertical
6	12262.63	39.20	-35.13	38.86	-52.33	-13.00	39.33	256	332	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band66	20MHz	QPSK	132272	100RB#0	VL	NT	0.80	0.000460	PASS
Band66	20MHz	QPSK	132272	100RB#0	VN	NT	-1.30	-0.000747	PASS
Band66	20MHz	QPSK	132272	100RB#0	VH	NT	-2.10	-0.001207	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band66	20MHz	QPSK	132272	100RB#0	NV	-30	-1.30	-0.000747	PASS
Band66	20MHz	QPSK	132272	100RB#0	NV	-20	-2.30	-0.001322	PASS
Band66	20MHz	QPSK	132272	100RB#0	NV	-10	0.20	0.000115	PASS
Band66	20MHz	QPSK	132272	100RB#0	NV	0	-0.50	-0.000287	PASS
Band66	20MHz	QPSK	132272	100RB#0	NV	10	-0.10	-0.000057	PASS
Band66	20MHz	QPSK	132272	100RB#0	NV	20	-0.30	-0.000172	PASS
Band66	20MHz	QPSK	132272	100RB#0	NV	30	-2.80	-0.001609	PASS
Band66	20MHz	QPSK	132272	100RB#0	NV	40	-0.30	-0.000172	PASS
Band66	20MHz	QPSK	132272	100RB#0	NV	50	-1.00	-0.000575	PASS

---End of Attachment---



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