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Appendix B.17

LTE Band 43(3700-3800)



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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
Band43	5MHz	QPSK	44615	1RB#0	25.37	19.27	30	PASS
Band43	5MHz	QPSK	44615	1RB#12	25.46	19.36	30	PASS
Band43	5MHz	QPSK	44615	1RB#24	25.36	19.26	30	PASS
Band43	5MHz	QPSK	44615	25RB#0	24.45	18.35	30	PASS
Band43	5MHz	QPSK	45090	1RB#0	25.63	19.53	30	PASS
Band43	5MHz	QPSK	45090	1RB#12	25.45	19.35	30	PASS
Band43	5MHz	QPSK	45090	1RB#24	25.47	19.37	30	PASS
Band43	5MHz	QPSK	45090	25RB#0	24.41	18.31	30	PASS
Band43	5MHz	QPSK	45565	1RB#0	25.45	19.35	30	PASS
Band43	5MHz	QPSK	45565	1RB#12	25.58	19.48	30	PASS
Band43	5MHz	QPSK	45565	1RB#24	25.53	19.43	30	PASS
Band43	5MHz	QPSK	45565	25RB#0	24.48	18.38	30	PASS
Band43	5MHz	16QAM	44615	1RB#0	24.47	18.37	30	PASS
Band43	5MHz	16QAM	44615	1RB#12	24.6	18.5	30	PASS
Band43	5MHz	16QAM	44615	1RB#24	24.51	18.41	30	PASS
Band43	5MHz	16QAM	44615	25RB#0	23.45	17.35	30	PASS
Band43	5MHz	16QAM	45090	1RB#0	24.42	18.32	30	PASS
Band43	5MHz	16QAM	45090	1RB#12	24.64	18.54	30	PASS
Band43	5MHz	16QAM	45090	1RB#24	24.58	18.48	30	PASS
Band43	5MHz	16QAM	45090	25RB#0	23.43	17.33	30	PASS
Band43	5MHz	16QAM	45565	1RB#0	24.61	18.51	30	PASS
Band43	5MHz	16QAM	45565	1RB#12	24.68	18.58	30	PASS
Band43	5MHz	16QAM	45565	1RB#24	24.66	18.56	30	PASS
Band43	5MHz	16QAM	45565	25RB#0	23.48	17.38	30	PASS
Band43	5MHz	64QAM	44615	1RB#0	23.78	17.68	30	PASS
Band43	5MHz	64QAM	44615	1RB#12	23.92	17.82	30	PASS
Band43	5MHz	64QAM	44615	1RB#24	23.71	17.61	30	PASS



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Band43	5MHz	64QAM	44615	25RB#0	22.48	16.38	30	PASS
Band43	5MHz	64QAM	45090	1RB#0	23.68	17.58	30	PASS
Band43	5MHz	64QAM	45090	1RB#12	23.83	17.73	30	PASS
Band43	5MHz	64QAM	45090	1RB#24	23.89	17.79	30	PASS
Band43	5MHz	64QAM	45090	25RB#0	22.42	16.32	30	PASS
Band43	5MHz	64QAM	45565	1RB#0	23.71	17.61	30	PASS
Band43	5MHz	64QAM	45565	1RB#12	23.84	17.74	30	PASS
Band43	5MHz	64QAM	45565	1RB#24	23.82	17.72	30	PASS
Band43	5MHz	64QAM	45565	25RB#0	22.51	16.41	30	PASS
Band43	5MHz	256QAM	44615	1RB#0	20.52	14.42	30	PASS
Band43	5MHz	256QAM	44615	1RB#12	20.65	14.55	30	PASS
Band43	5MHz	256QAM	44615	1RB#24	20.56	14.46	30	PASS
Band43	5MHz	256QAM	44615	25RB#0	20.47	14.37	30	PASS
Band43	5MHz	256QAM	45090	1RB#0	20.55	14.45	30	PASS
Band43	5MHz	256QAM	45090	1RB#12	20.49	14.39	30	PASS
Band43	5MHz	256QAM	45090	1RB#24	20.67	14.57	30	PASS
Band43	5MHz	256QAM	45090	25RB#0	20.42	14.32	30	PASS
Band43	5MHz	256QAM	45565	1RB#0	20.58	14.48	30	PASS
Band43	5MHz	256QAM	45565	1RB#12	20.71	14.61	30	PASS
Band43	5MHz	256QAM	45565	1RB#24	20.75	14.65	30	PASS
Band43	5MHz	256QAM	45565	25RB#0	20.44	14.34	30	PASS
Band43	10MHz	QPSK	44640	1RB#0	25.27	19.17	30	PASS
Band43	10MHz	QPSK	44640	1RB#24	25.29	19.19	30	PASS
Band43	10MHz	QPSK	44640	1RB#49	25.34	19.24	30	PASS
Band43	10MHz	QPSK	44640	50RB#0	24.36	18.26	30	PASS
Band43	10MHz	QPSK	45090	1RB#0	25.41	19.31	30	PASS
Band43	10MHz	QPSK	45090	1RB#24	25.42	19.32	30	PASS
Band43	10MHz	QPSK	45090	1RB#49	25.5	19.4	30	PASS
Band43	10MHz	QPSK	45090	50RB#0	24.47	18.37	30	PASS
Band43	10MHz	QPSK	45540	1RB#0	25.85	19.75	30	PASS
Band43	10MHz	QPSK	45540	1RB#24	25.48	19.38	30	PASS
Band43	10MHz	QPSK	45540	1RB#49	25.59	19.49	30	PASS
Band43	10MHz	QPSK	45540	50RB#0	24.6	18.5	30	PASS



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Band43	10MHz	16QAM	44640	1RB#24	24.48	18.38	30	PASS
Band43	10MHz	16QAM	44640	1RB#49	24.41	18.31	30	PASS
Band43	10MHz	16QAM	44640	50RB#0	23.35	17.25	30	PASS
Band43	10MHz	16QAM	45090	1RB#0	24.44	18.34	30	PASS
Band43	10MHz	16QAM	45090	1RB#24	24.58	18.48	30	PASS
Band43	10MHz	16QAM	45090	1RB#49	24.59	18.49	30	PASS
Band43	10MHz	16QAM	45090	50RB#0	23.46	17.36	30	PASS
Band43	10MHz	16QAM	45540	1RB#0	24.5	18.4	30	PASS
Band43	10MHz	16QAM	45540	1RB#24	24.69	18.59	30	PASS
Band43	10MHz	16QAM	45540	1RB#49	24.63	18.53	30	PASS
Band43	10MHz	16QAM	45540	50RB#0	23.59	17.49	30	PASS
Band43	10MHz	64QAM	44640	1RB#0	24.49	18.39	30	PASS
Band43	10MHz	64QAM	44640	1RB#24	23.65	17.55	30	PASS
Band43	10MHz	64QAM	44640	1RB#49	23.64	17.54	30	PASS
Band43	10MHz	64QAM	44640	50RB#0	22.4	16.3	30	PASS
Band43	10MHz	64QAM	45090	1RB#0	23.65	17.55	30	PASS
Band43	10MHz	64QAM	45090	1RB#24	23.9	17.8	30	PASS
Band43	10MHz	64QAM	45090	1RB#49	23.88	17.78	30	PASS
Band43	10MHz	64QAM	45090	50RB#0	22.45	16.35	30	PASS
Band43	10MHz	64QAM	45540	1RB#0	23.77	17.67	30	PASS
Band43	10MHz	64QAM	45540	1RB#24	23.82	17.72	30	PASS
Band43	10MHz	64QAM	45540	1RB#49	23.85	17.75	30	PASS
Band43	10MHz	64QAM	45540	50RB#0	22.58	16.48	30	PASS
Band43	10MHz	256QAM	44640	1RB#0	20.35	14.25	30	PASS
Band43	10MHz	256QAM	44640	1RB#24	20.49	14.39	30	PASS
Band43	10MHz	256QAM	44640	1RB#49	20.46	14.36	30	PASS
Band43	10MHz	256QAM	44640	50RB#0	20.36	14.26	30	PASS
Band43	10MHz	256QAM	45090	1RB#0	20.31	14.21	30	PASS
Band43	10MHz	256QAM	45090	1RB#24	20.49	14.39	30	PASS
Band43	10MHz	256QAM	45090	1RB#49	20.49	14.39	30	PASS
Band43	10MHz	256QAM	45090	50RB#0	20.44	14.34	30	PASS
Band43	10MHz	256QAM	45540	1RB#0	20.55	14.45	30	PASS



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Band43	10MHz	256QAM	45540	1RB#24	20.65	14.55	30	PASS
Band43	10MHz	256QAM	45540	1RB#49	20.63	14.53	30	PASS
Band43	10MHz	256QAM	45540	50RB#0	20.58	14.48	30	PASS
Band43	15MHz	QPSK	44665	1RB#0	25.1	19	30	PASS
Band43	15MHz	QPSK	44665	1RB#38	25.26	19.16	30	PASS
Band43	15MHz	QPSK	44665	1RB#74	25.26	19.16	30	PASS
Band43	15MHz	QPSK	44665	75RB#0	24.29	18.19	30	PASS
Band43	15MHz	QPSK	45090	1RB#0	25.79	19.69	30	PASS
Band43	15MHz	QPSK	45090	1RB#38	25.38	19.28	30	PASS
Band43	15MHz	QPSK	45090	1RB#74	25.35	19.25	30	PASS
Band43	15MHz	QPSK	45090	75RB#0	24.33	18.23	30	PASS
Band43	15MHz	QPSK	45515	1RB#0	25.69	19.59	30	PASS
Band43	15MHz	QPSK	45515	1RB#38	25.41	19.31	30	PASS
Band43	15MHz	QPSK	45515	1RB#74	25.43	19.33	30	PASS
Band43	15MHz	QPSK	45515	75RB#0	24.39	18.29	30	PASS
Band43	15MHz	16QAM	44665	1RB#0	24.28	18.18	30	PASS
Band43	15MHz	16QAM	44665	1RB#38	24.34	18.24	30	PASS
Band43	15MHz	16QAM	44665	1RB#74	24.38	18.28	30	PASS
Band43	15MHz	16QAM	44665	75RB#0	23.3	17.2	30	PASS
Band43	15MHz	16QAM	45090	1RB#0	24.33	18.23	30	PASS
Band43	15MHz	16QAM	45090	1RB#38	24.46	18.36	30	PASS
Band43	15MHz	16QAM	45090	1RB#74	24.52	18.42	30	PASS
Band43	15MHz	16QAM	45090	75RB#0	23.36	17.26	30	PASS
Band43	15MHz	16QAM	45515	1RB#0	24.34	18.24	30	PASS
Band43	15MHz	16QAM	45515	1RB#38	24.59	18.49	30	PASS
Band43	15MHz	16QAM	45515	1RB#74	24.51	18.41	30	PASS
Band43	15MHz	16QAM	45515	75RB#0	23.4	17.3	30	PASS
Band43	15MHz	64QAM	44665	1RB#0	23.49	17.39	30	PASS
Band43	15MHz	64QAM	44665	1RB#38	23.64	17.54	30	PASS
Band43	15MHz	64QAM	44665	1RB#74	23.53	17.43	30	PASS
Band43	15MHz	64QAM	44665	75RB#0	22.3	16.2	30	PASS
Band43	15MHz	64QAM	45090	1RB#0	23.49	17.39	30	PASS
Band43	15MHz	64QAM	45090	1RB#38	23.75	17.65	30	PASS



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Band43	15MHz	64QAM	45090	75RB#0	22.36	16.26	30	PASS
Band43	15MHz	64QAM	45515	1RB#0	23.5	17.4	30	PASS
Band43	15MHz	64QAM	45515	1RB#38	23.78	17.68	30	PASS
Band43	15MHz	64QAM	45515	1RB#74	23.81	17.71	30	PASS
Band43	15MHz	64QAM	45515	75RB#0	22.4	16.3	30	PASS
Band43	15MHz	256QAM	44665	1RB#0	20.26	14.16	30	PASS
Band43	15MHz	256QAM	44665	1RB#38	20.42	14.32	30	PASS
Band43	15MHz	256QAM	44665	1RB#74	20.38	14.28	30	PASS
Band43	15MHz	256QAM	44665	75RB#0	20.31	14.21	30	PASS
Band43	15MHz	256QAM	45090	1RB#0	20.42	14.32	30	PASS
Band43	15MHz	256QAM	45090	1RB#38	20.6	14.5	30	PASS
Band43	15MHz	256QAM	45090	1RB#74	20.63	14.53	30	PASS
Band43	15MHz	256QAM	45090	75RB#0	20.38	14.28	30	PASS
Band43	15MHz	256QAM	45515	1RB#0	20.4	14.3	30	PASS
Band43	15MHz	256QAM	45515	1RB#38	20.73	14.63	30	PASS
Band43	15MHz	256QAM	45515	1RB#74	20.62	14.52	30	PASS
Band43	15MHz	256QAM	45515	75RB#0	20.37	14.27	30	PASS
Band43	20MHz	QPSK	44690	1RB#0	25.06	18.96	30	PASS
Band43	20MHz	QPSK	44690	1RB#49	25.24	19.14	30	PASS
Band43	20MHz	QPSK	44690	1RB#99	25.34	19.24	30	PASS
Band43	20MHz	QPSK	44690	100RB#0	24.24	18.14	30	PASS
Band43	20MHz	QPSK	45090	1RB#0	25.85	19.75	30	PASS
Band43	20MHz	QPSK	45090	1RB#49	25.39	19.29	30	PASS
Band43	20MHz	QPSK	45090	1RB#99	25.45	19.35	30	PASS
Band43	20MHz	QPSK	45090	100RB#0	24.32	18.22	30	PASS
Band43	20MHz	QPSK	45490	1RB#0	25.69	19.59	30	PASS
Band43	20MHz	QPSK	45490	1RB#49	25.4	19.3	30	PASS
Band43	20MHz	QPSK	45490	1RB#99	25.51	19.41	30	PASS
Band43	20MHz	QPSK	45490	100RB#0	24.44	18.34	30	PASS
Band43	20MHz	16QAM	44690	1RB#0	24.28	18.18	30	PASS
Band43	20MHz	16QAM	44690	1RB#49	24.52	18.42	30	PASS
Band43	20MHz	16QAM	44690	1RB#99	24.38	18.28	30	PASS



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Band43	20MHz	16QAM	45090	1RB#0	24.23	18.13	30	PASS
Band43	20MHz	16QAM	45090	1RB#49	24.57	18.47	30	PASS
Band43	20MHz	16QAM	45090	1RB#99	24.47	18.37	30	PASS
Band43	20MHz	16QAM	45090	100RB#0	23.33	17.23	30	PASS
Band43	20MHz	16QAM	45490	1RB#0	24.31	18.21	30	PASS
Band43	20MHz	16QAM	45490	1RB#49	24.57	18.47	30	PASS
Band43	20MHz	16QAM	45490	1RB#99	24.62	18.52	30	PASS
Band43	20MHz	16QAM	45490	100RB#0	23.46	17.36	30	PASS
Band43	20MHz	64QAM	44690	1RB#0	23.54	17.44	30	PASS
Band43	20MHz	64QAM	44690	1RB#49	23.67	17.57	30	PASS
Band43	20MHz	64QAM	44690	1RB#99	23.63	17.53	30	PASS
Band43	20MHz	64QAM	44690	100RB#0	22.23	16.13	30	PASS
Band43	20MHz	64QAM	45090	1RB#0	23.51	17.41	30	PASS
Band43	20MHz	64QAM	45090	1RB#49	23.77	17.67	30	PASS
Band43	20MHz	64QAM	45090	1RB#99	23.75	17.65	30	PASS
Band43	20MHz	64QAM	45090	100RB#0	22.31	16.21	30	PASS
Band43	20MHz	64QAM	45490	1RB#0	23.51	17.41	30	PASS
Band43	20MHz	64QAM	45490	1RB#49	23.77	17.67	30	PASS
Band43	20MHz	64QAM	45490	1RB#99	23.78	17.68	30	PASS
Band43	20MHz	64QAM	45490	100RB#0	22.45	16.35	30	PASS
Band43	20MHz	256QAM	44690	1RB#0	20.25	14.15	30	PASS
Band43	20MHz	256QAM	44690	1RB#49	20.51	14.41	30	PASS
Band43	20MHz	256QAM	44690	1RB#99	20.52	14.42	30	PASS
Band43	20MHz	256QAM	44690	100RB#0	20.24	14.14	30	PASS
Band43	20MHz	256QAM	45090	1RB#0	20.25	14.15	30	PASS
Band43	20MHz	256QAM	45090	1RB#49	20.52	14.42	30	PASS
Band43	20MHz	256QAM	45090	1RB#99	20.54	14.44	30	PASS
Band43	20MHz	256QAM	45090	100RB#0	20.29	14.19	30	PASS
Band43	20MHz	256QAM	45490	1RB#0	20.34	14.24	30	PASS
Band43	20MHz	256QAM	45490	1RB#49	20.56	14.46	30	PASS
Band43	20MHz	256QAM	45490	1RB#99	20.55	14.45	30	PASS
Band43	20MHz	256QAM	45490	100RB#0	20.43	14.33	30	PASS



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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band43	20MHz	QPSK	44690	100RB#0	9.02	13	PASS
Band43	20MHz	QPSK	45090	100RB#0	8.84	13	PASS
Band43	20MHz	QPSK	45490	100RB#0	8.92	13	PASS
Band43	20MHz	16QAM	44690	100RB#0	9.78	13	PASS
Band43	20MHz	16QAM	45090	100RB#0	9.56	13	PASS
Band43	20MHz	16QAM	45490	100RB#0	9.68	13	PASS
Band43	20MHz	64QAM	44690	100RB#0	10.08	13	PASS
Band43	20MHz	64QAM	45090	100RB#0	10.12	13	PASS
Band43	20MHz	64QAM	45490	100RB#0	10.12	13	PASS
Band43	20MHz	256QAM	44690	100RB#0	9.96	13	PASS
Band43	20MHz	256QAM	45090	100RB#0	10.28	13	PASS
Band43	20MHz	256QAM	45490	100RB#0	10.06	13	PASS



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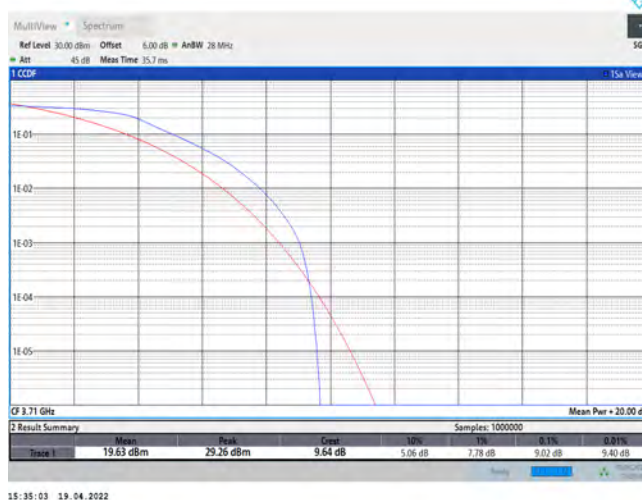
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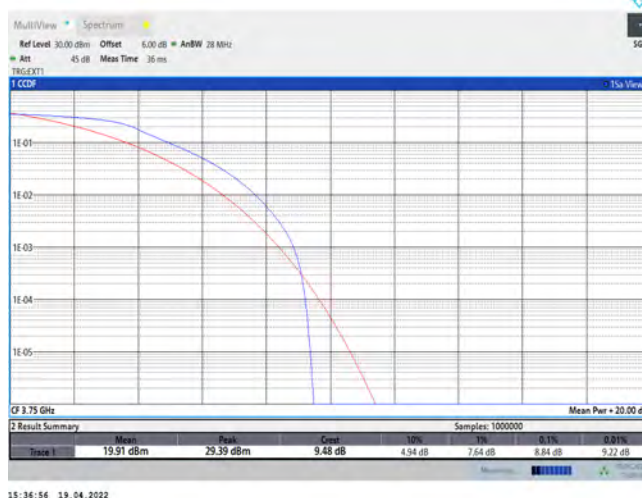
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Test Graphs

Band43-20MHz-QPSK-44690-100RB#0



Band43-20MHz-QPSK-45090-100RB#0



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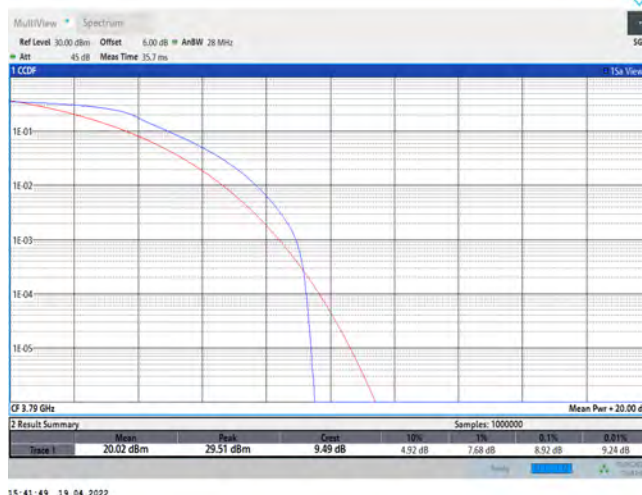
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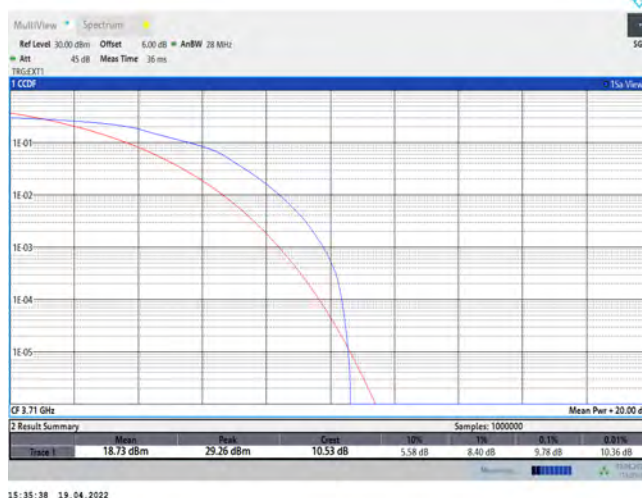
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Band43-20MHz-QPSK-45490-100RB#0



Band43-20MHz-16QAM-44690-100RB#0



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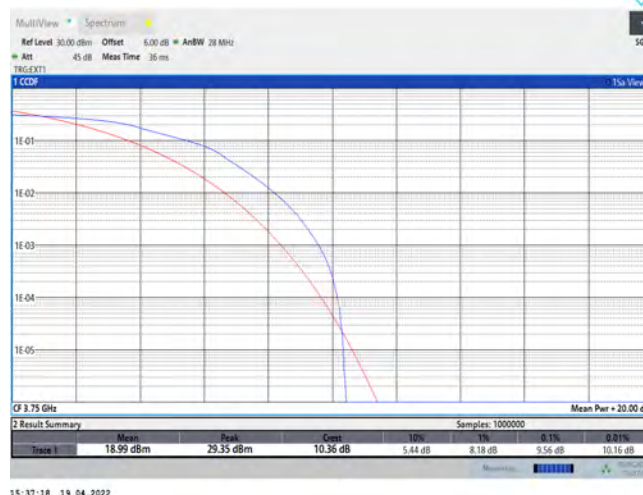
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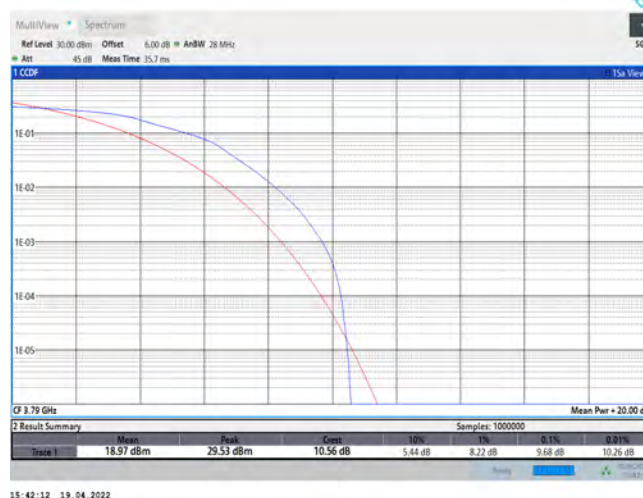
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Band43-20MHz-16QAM-45090-100RB#0



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Band43-20MHz-16QAM-45490-100RB#0



15:42:12 19.04.2022



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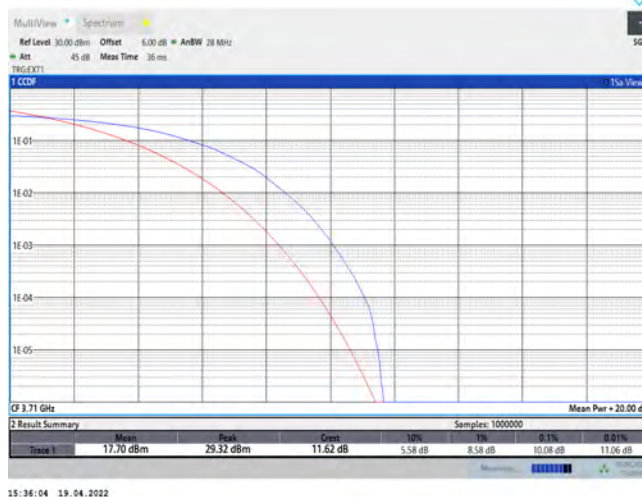
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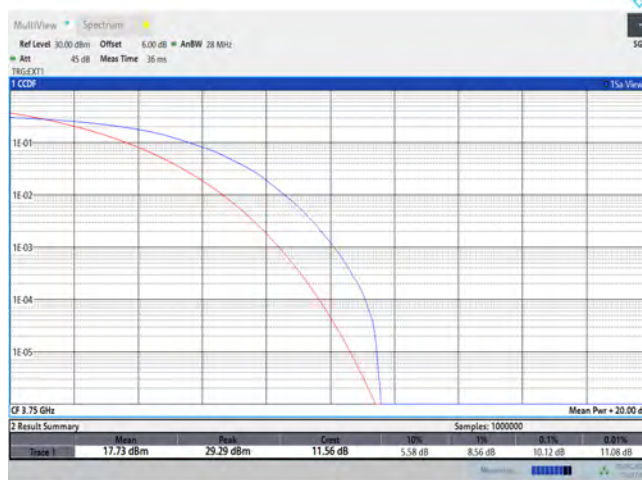
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Band43-20MHz-64QAM-44690-100RB#0



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Band43-20MHz-64QAM-45090-100RB#0



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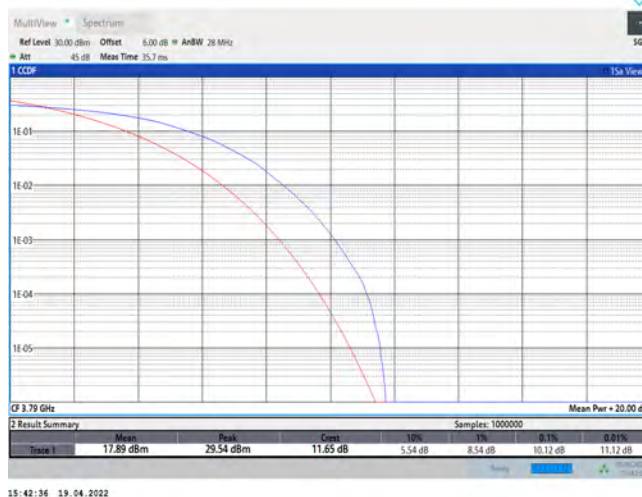
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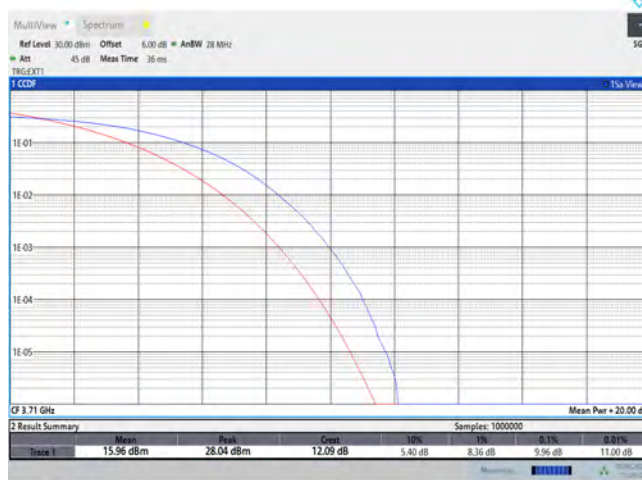
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Band43-20MHz-256QAM-44690-100RB#0



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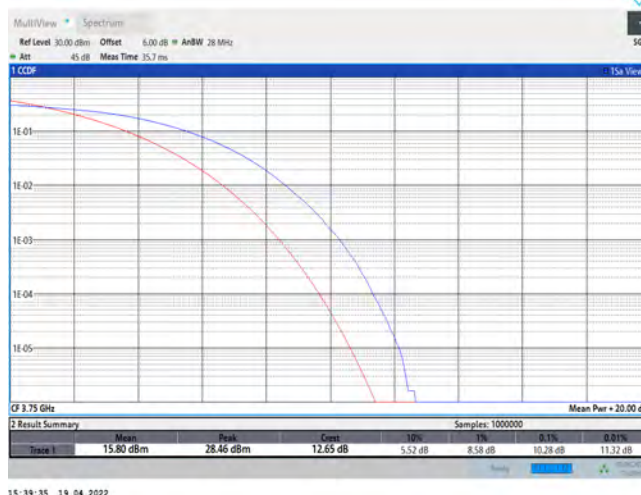
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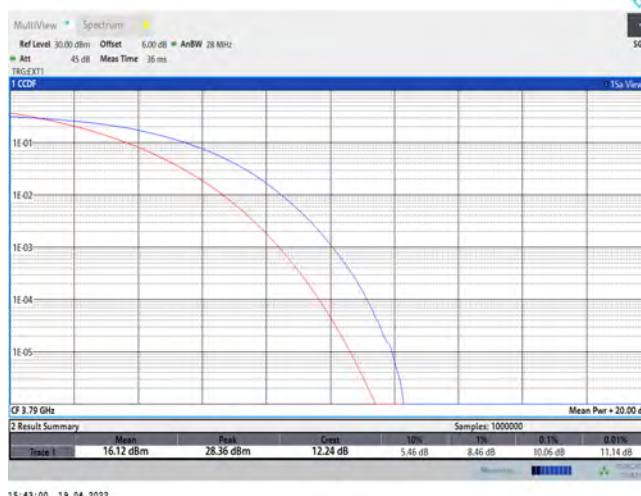
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Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band43	20MHz	QPSK	45090	100RB#0	PASS	PASS
Band43	20MHz	16QAM	45090	100RB#0	PASS	PASS
Band43	20MHz	64QAM	45090	100RB#0	PASS	PASS
Band43	20MHz	256QAM	45090	100RB#0	PASS	PASS



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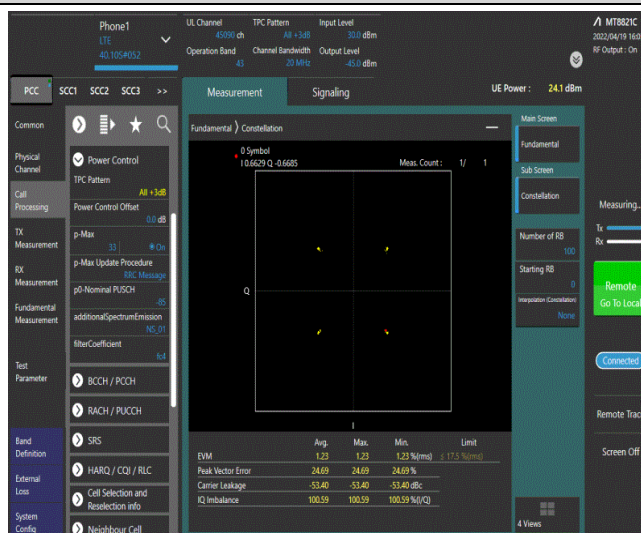
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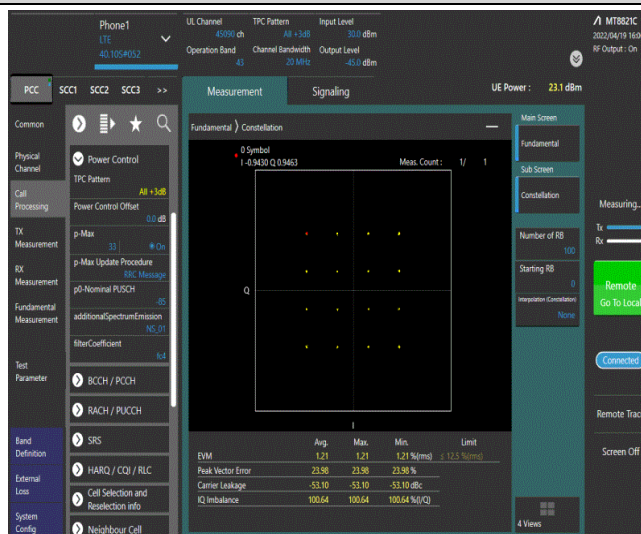
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Test Graphs

Band43-20MHz-QPSK-45090-100RB#0



Band43-20MHz-16QAM-45090-100RB#0



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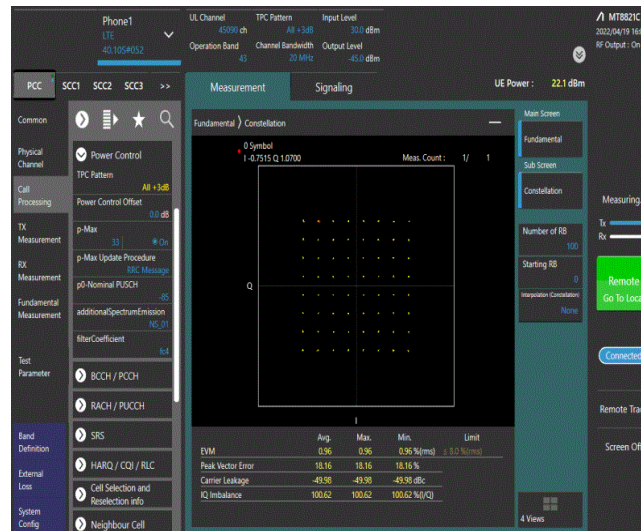
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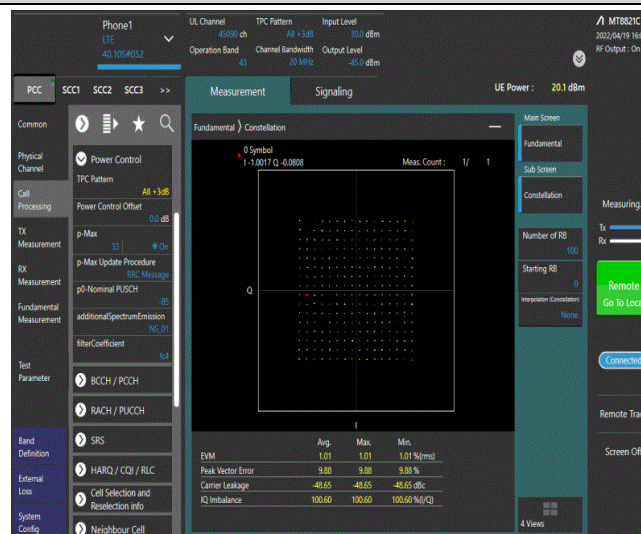
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Band43-20MHz-64QAM-45090-100RB#0



Band43-20MHz-256QAM-45090-100RB#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
Band43	5MHz	QPSK	44615	25RB#0	4.513	5.42	PASS
Band43	5MHz	QPSK	45090	25RB#0	4.512	5.35	PASS
Band43	5MHz	QPSK	45565	25RB#0	4.508	5.48	PASS
Band43	5MHz	16QAM	44615	25RB#0	4.518	5.52	PASS
Band43	5MHz	16QAM	45090	25RB#0	4.515	5.46	PASS
Band43	5MHz	16QAM	45565	25RB#0	4.518	5.55	PASS
Band43	5MHz	64QAM	44615	25RB#0	4.514	5.29	PASS
Band43	5MHz	64QAM	45090	25RB#0	4.520	5.80	PASS
Band43	5MHz	64QAM	45565	25RB#0	4.510	5.49	PASS
Band43	5MHz	256QAM	44615	25RB#0	4.513	5.47	PASS
Band43	5MHz	256QAM	45090	25RB#0	4.511	5.46	PASS
Band43	5MHz	256QAM	45565	25RB#0	4.518	5.38	PASS
Band43	10MHz	QPSK	44640	50RB#0	9.018	10.60	PASS
Band43	10MHz	QPSK	45090	50RB#0	9.014	10.70	PASS
Band43	10MHz	QPSK	45540	50RB#0	9.010	10.30	PASS
Band43	10MHz	16QAM	44640	50RB#0	9.009	10.90	PASS
Band43	10MHz	16QAM	45090	50RB#0	9.019	10.90	PASS
Band43	10MHz	16QAM	45540	50RB#0	9.010	10.53	PASS
Band43	10MHz	64QAM	44640	50RB#0	9.004	10.33	PASS
Band43	10MHz	64QAM	45090	50RB#0	8.993	10.57	PASS
Band43	10MHz	64QAM	45540	50RB#0	9.003	10.70	PASS
Band43	10MHz	256QAM	44640	50RB#0	9.000	10.77	PASS
Band43	10MHz	256QAM	45090	50RB#0	9.018	10.87	PASS
Band43	10MHz	256QAM	45540	50RB#0	9.018	10.50	PASS
Band43	15MHz	QPSK	44665	75RB#0	13.485	15.90	PASS
Band43	15MHz	QPSK	45090	75RB#0	13.499	15.45	PASS
Band43	15MHz	QPSK	45515	75RB#0	13.476	15.50	PASS
Band43	15MHz	16QAM	44665	75RB#0	13.479	15.45	PASS
Band43	15MHz	16QAM	45090	75RB#0	13.497	15.40	PASS
Band43	15MHz	16QAM	45515	75RB#0	13.509	15.50	PASS



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Band43	15MHz	64QAM	44665	75RB#0	13.482	16.20	PASS
Band43	15MHz	64QAM	45090	75RB#0	13.489	16.10	PASS
Band43	15MHz	64QAM	45515	75RB#0	13.501	15.75	PASS
Band43	15MHz	256QAM	44665	75RB#0	13.477	15.25	PASS
Band43	15MHz	256QAM	45090	75RB#0	13.510	16.35	PASS
Band43	15MHz	256QAM	45515	75RB#0	13.488	16.45	PASS
Band43	20MHz	QPSK	44690	100RB#0	18.031	21.60	PASS
Band43	20MHz	QPSK	45090	100RB#0	18.059	22.27	PASS
Band43	20MHz	QPSK	45490	100RB#0	18.095	21.07	PASS
Band43	20MHz	16QAM	44690	100RB#0	18.035	21.67	PASS
Band43	20MHz	16QAM	45090	100RB#0	18.067	20.93	PASS
Band43	20MHz	16QAM	45490	100RB#0	18.062	21.87	PASS
Band43	20MHz	64QAM	44690	100RB#0	18.051	22.60	PASS
Band43	20MHz	64QAM	45090	100RB#0	18.016	22.13	PASS
Band43	20MHz	64QAM	45490	100RB#0	18.043	23.33	PASS
Band43	20MHz	256QAM	44690	100RB#0	18.062	21.53	PASS
Band43	20MHz	256QAM	45090	100RB#0	18.019	23.13	PASS
Band43	20MHz	256QAM	45490	100RB#0	18.013	22.20	PASS



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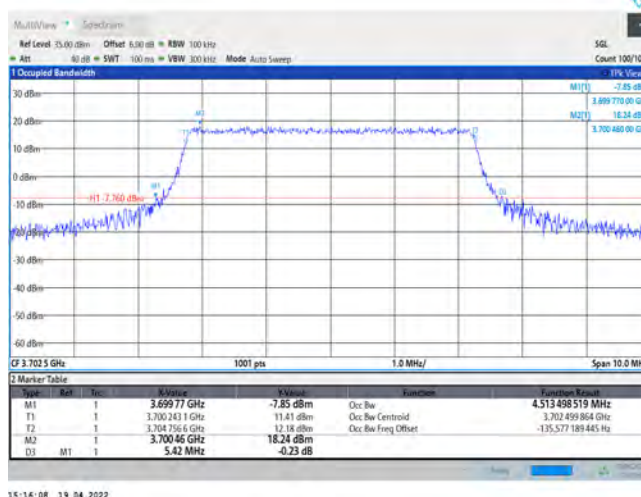
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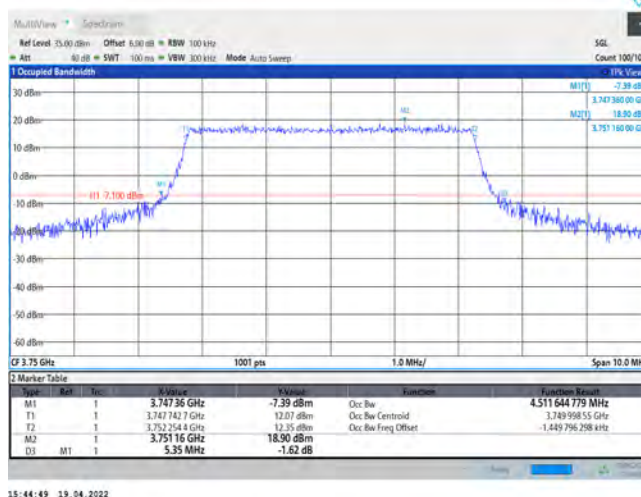
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Test Graphs

Band43-5MHz-QPSK-44615-25RB#0



Band43-5MHz-QPSK-45090-25RB#0



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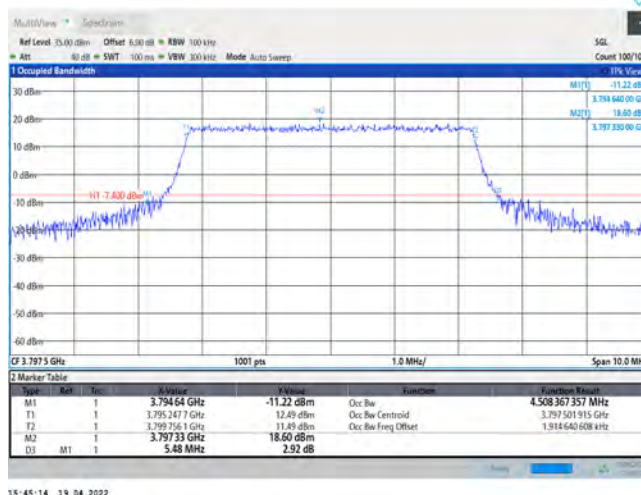
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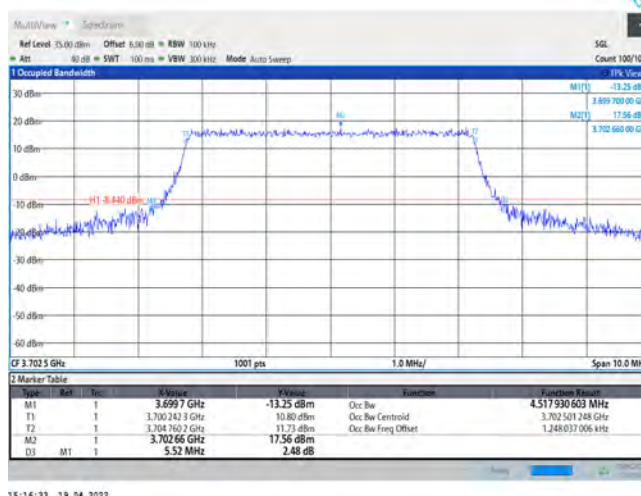
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Band43-5MHz-16QAM-44615-25RB#0



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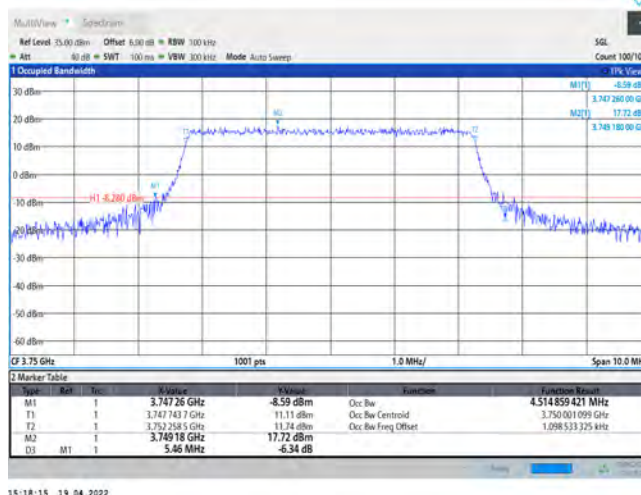
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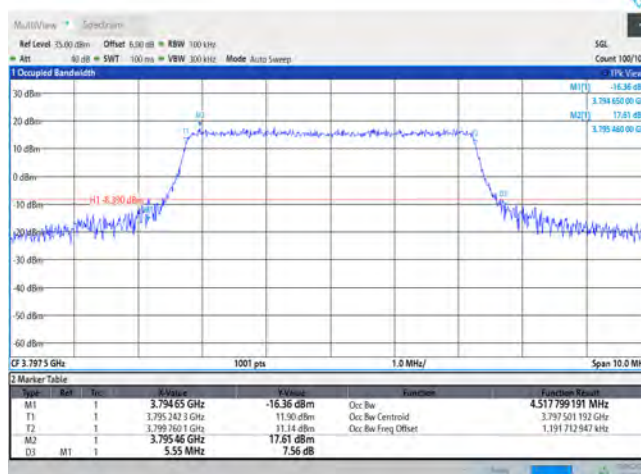
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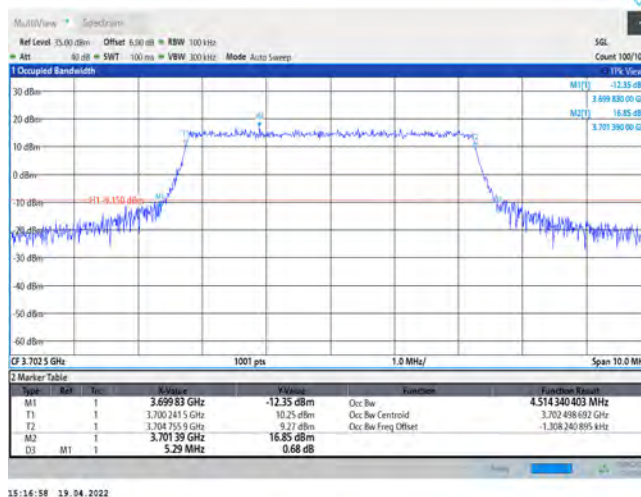
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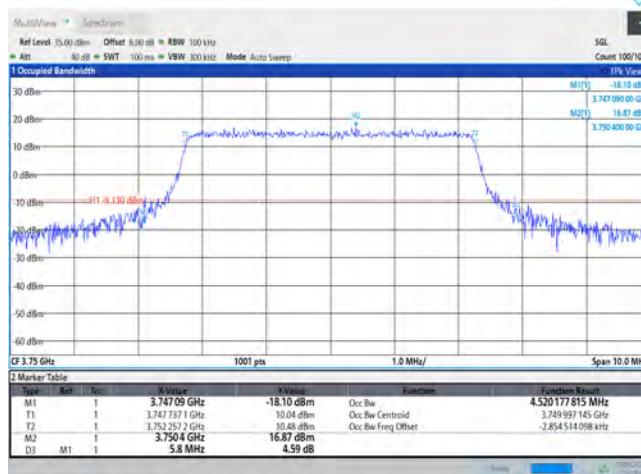
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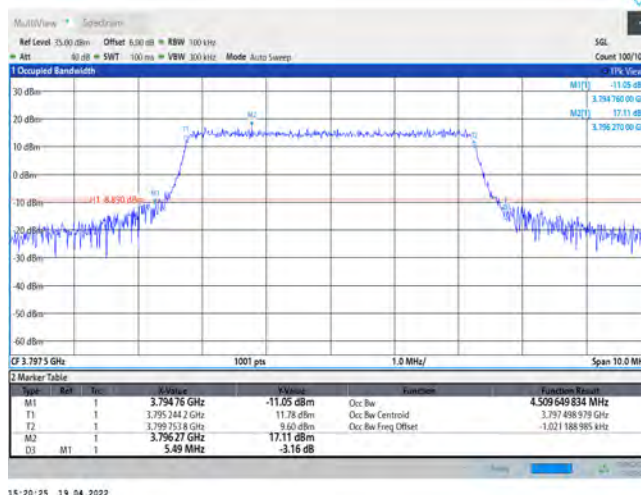
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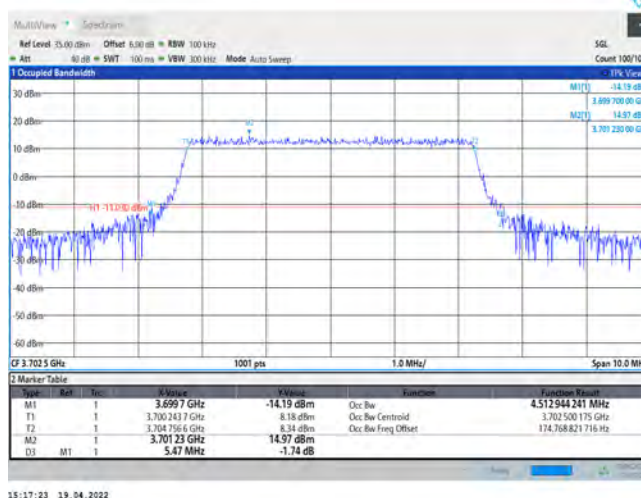
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Band43-5MHz-256QAM-44615-25RB#0



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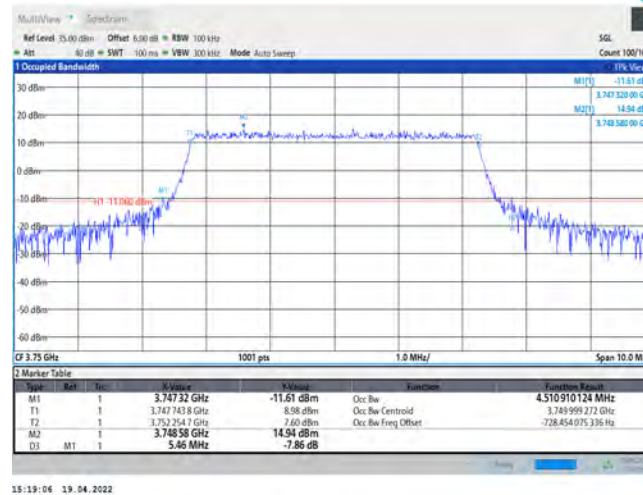
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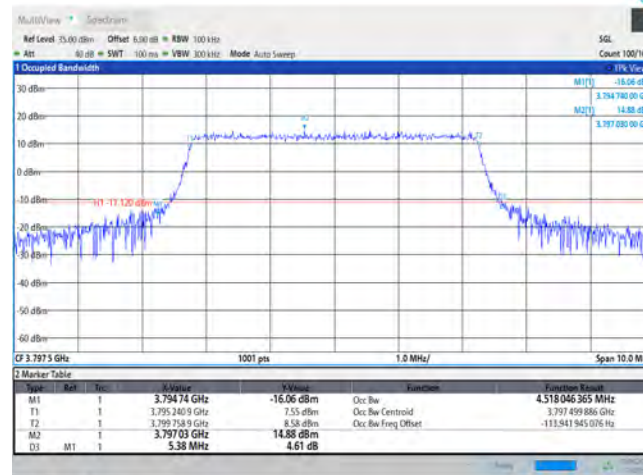
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Band43-5MHz-256QAM-45565-25RB#0



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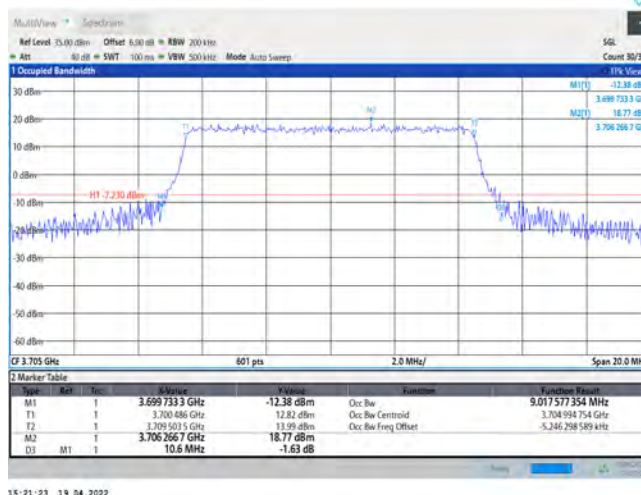
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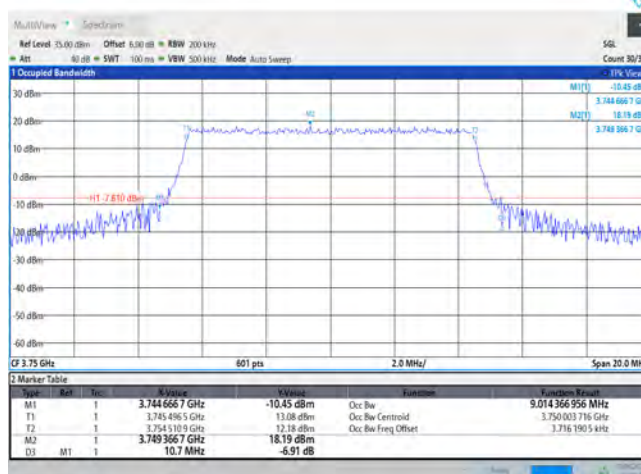
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Band43-10MHz-QPSK-44640-50RB#0



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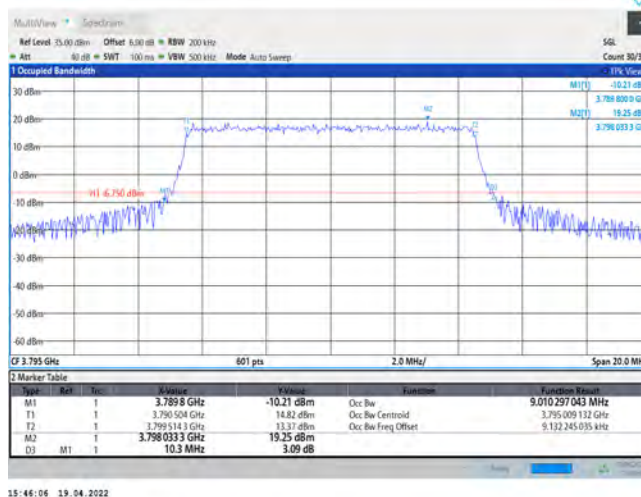
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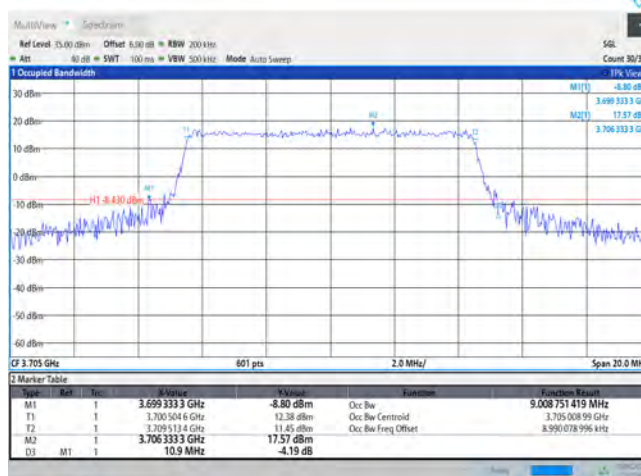
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Band43-10MHz-16QAM-44640-50RB#0



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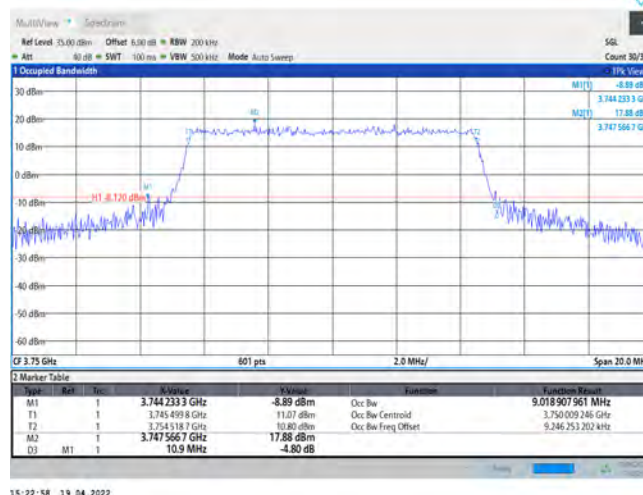
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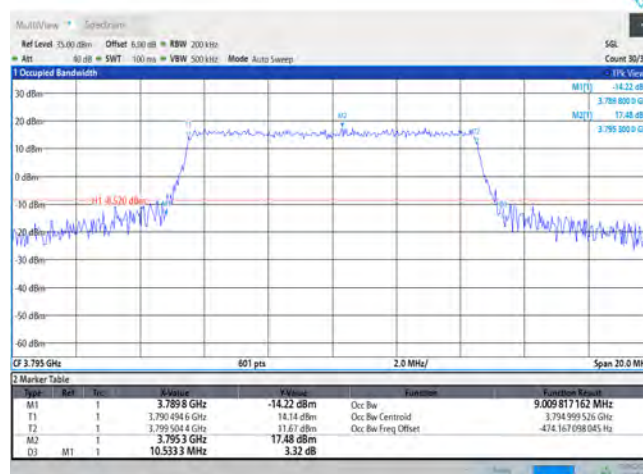
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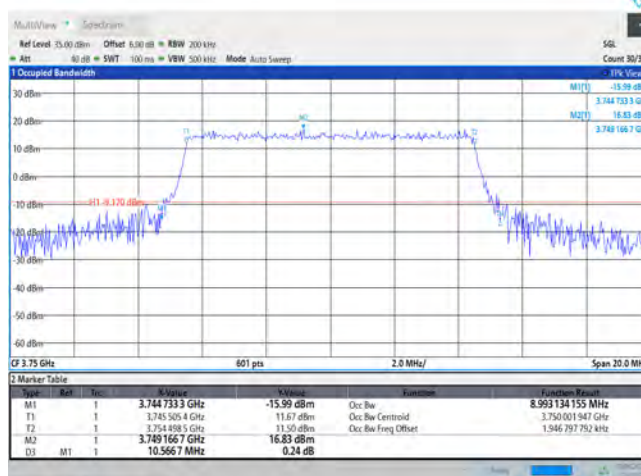
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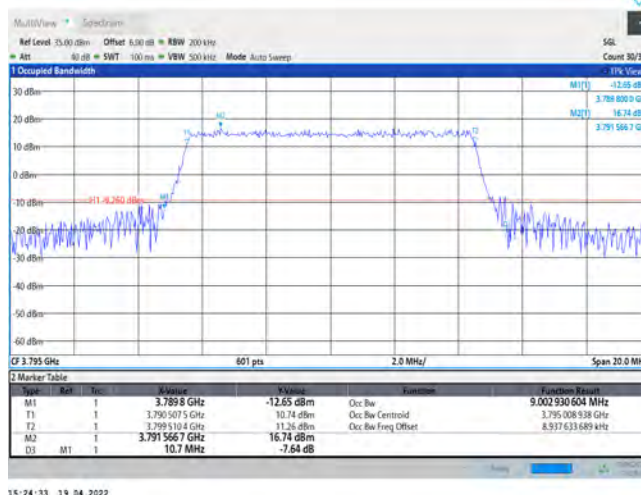
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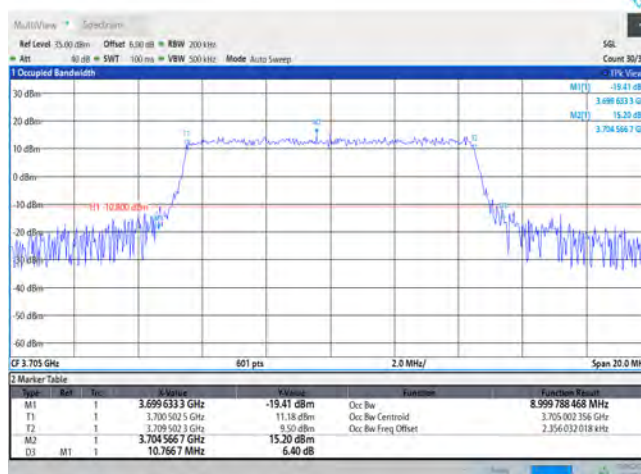
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Band43-10MHz-256QAM-44640-50RB#0



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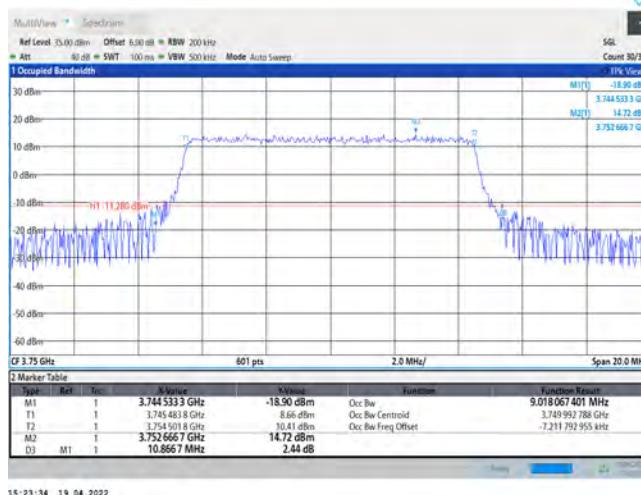
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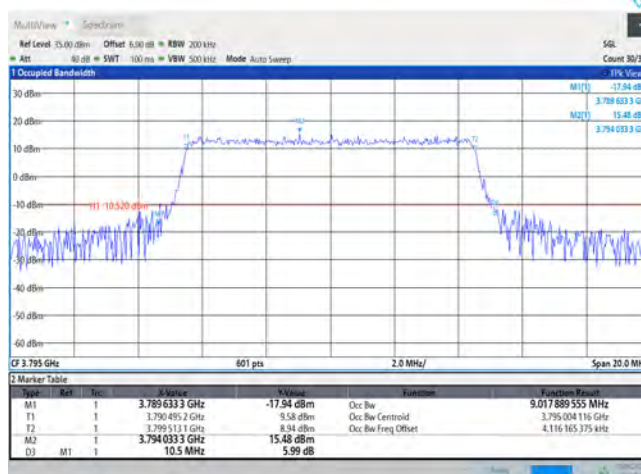
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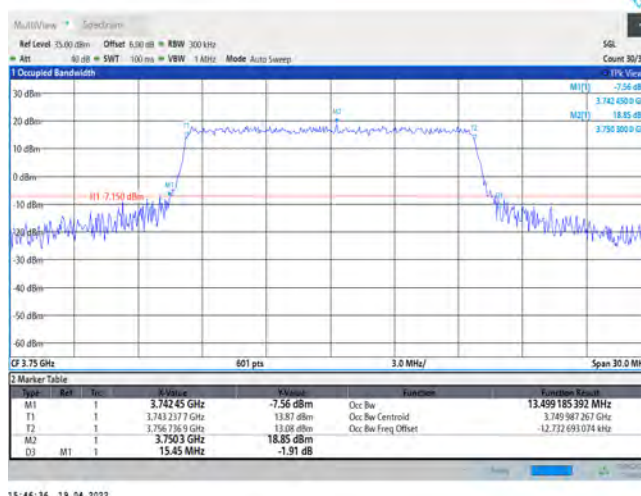
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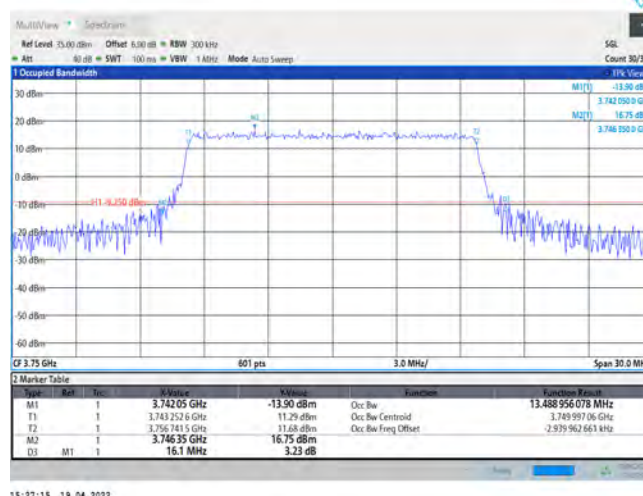
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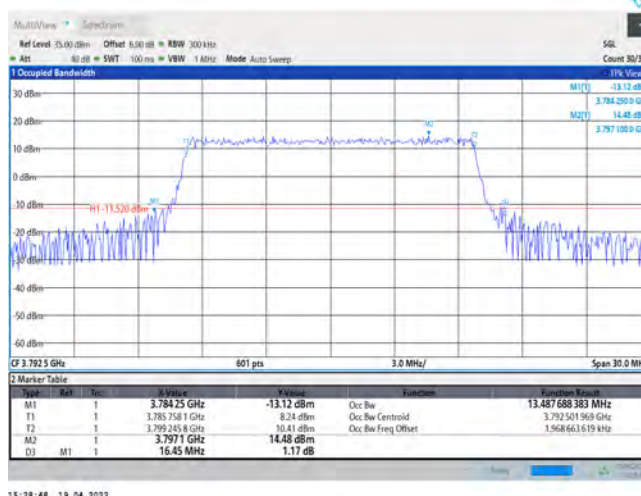
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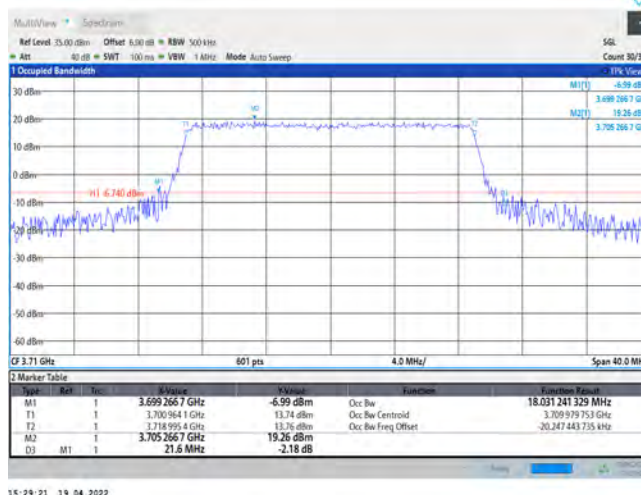
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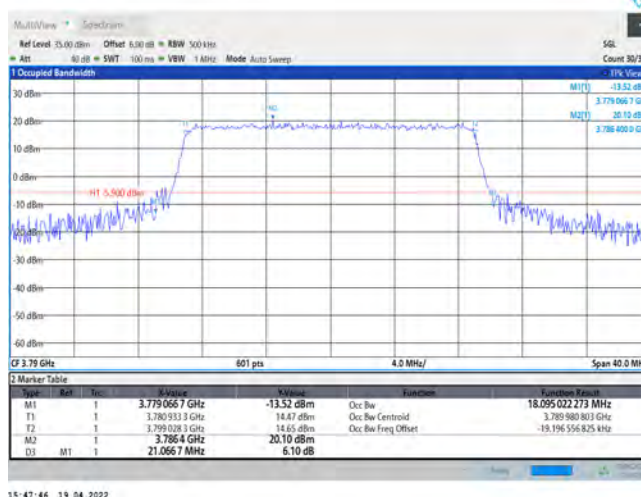
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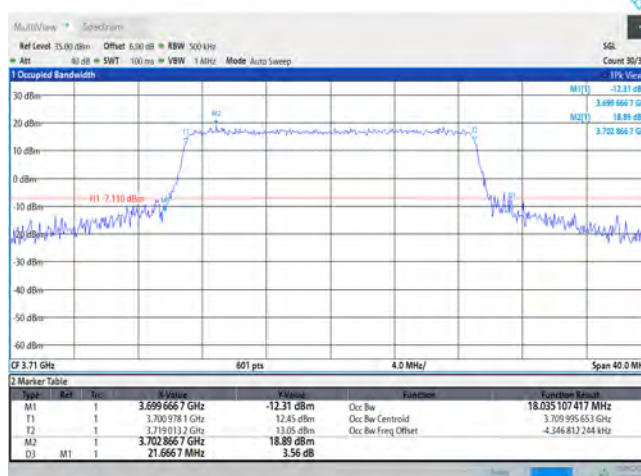
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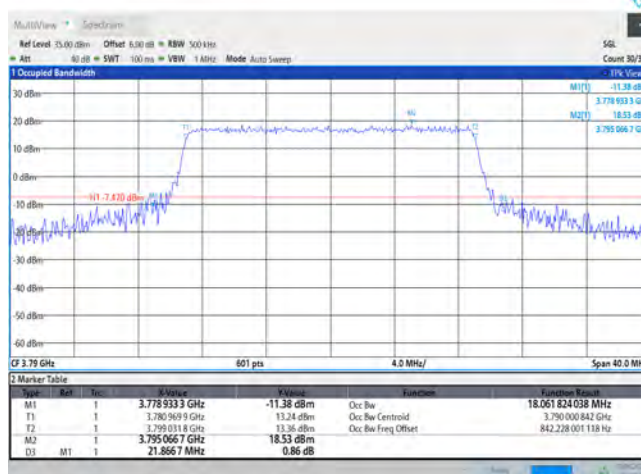
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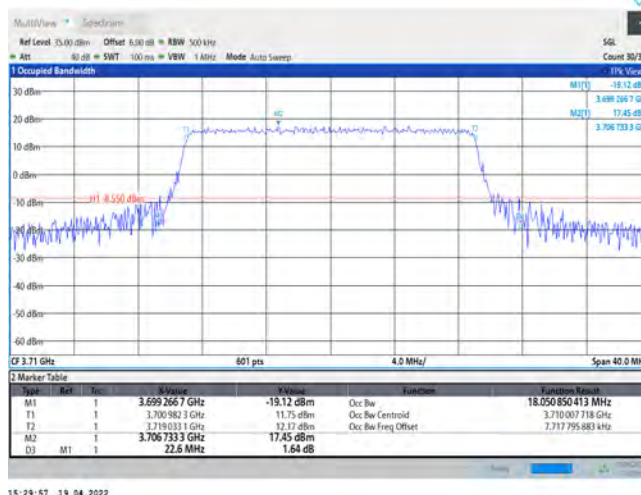
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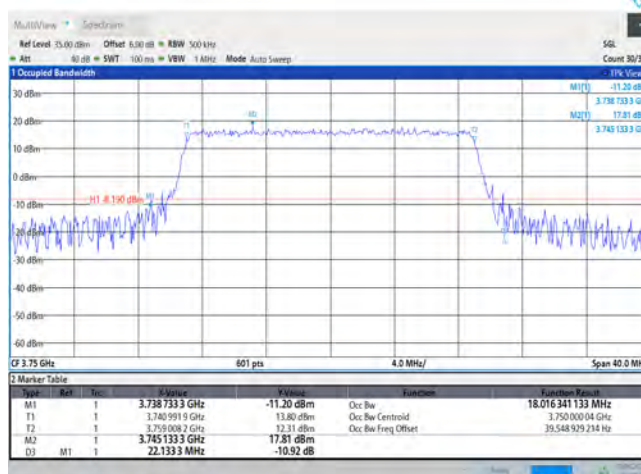
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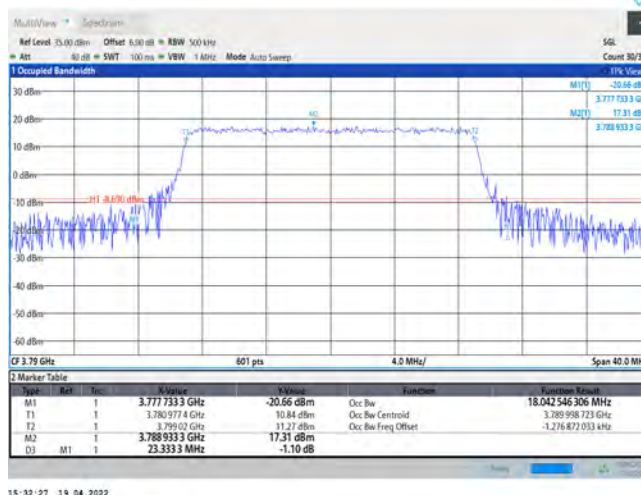
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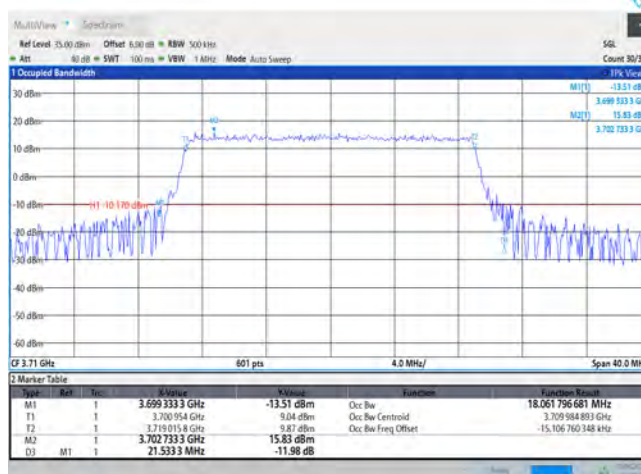
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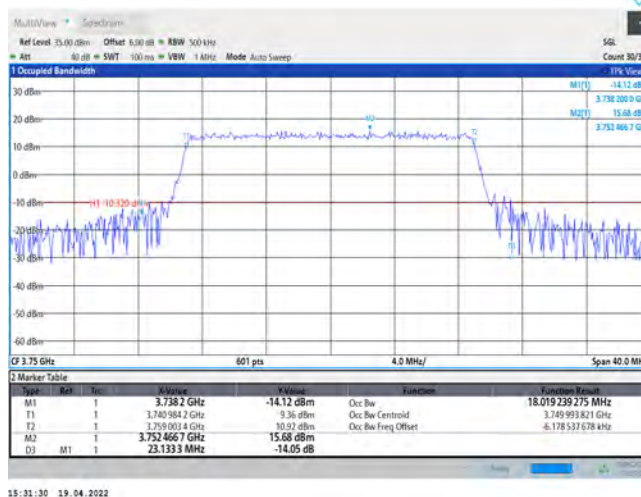
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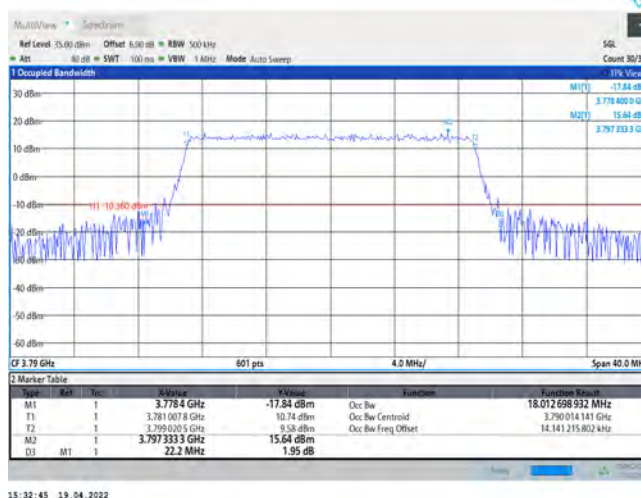
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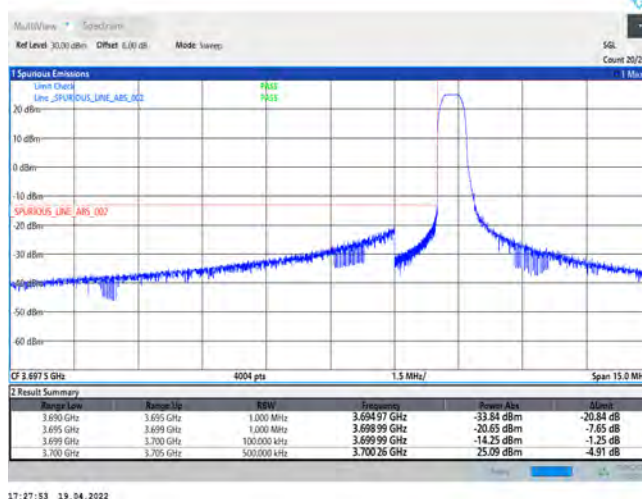
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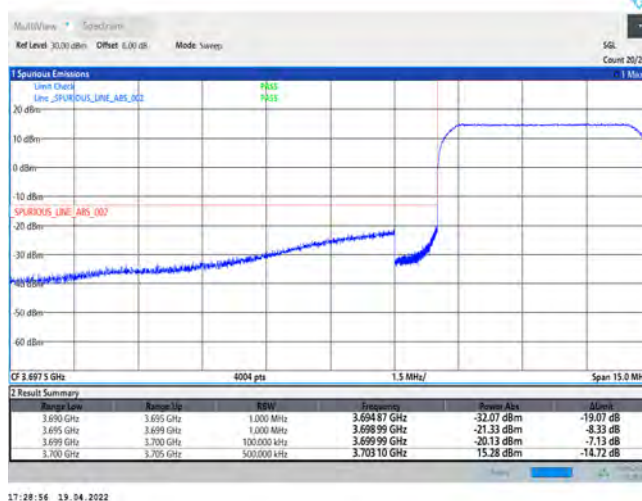
Band Edge

Test Graphs

Band43-5MHz-QPSK-44615-1RB#0



Band43-5MHz-QPSK-44615-25RB#0



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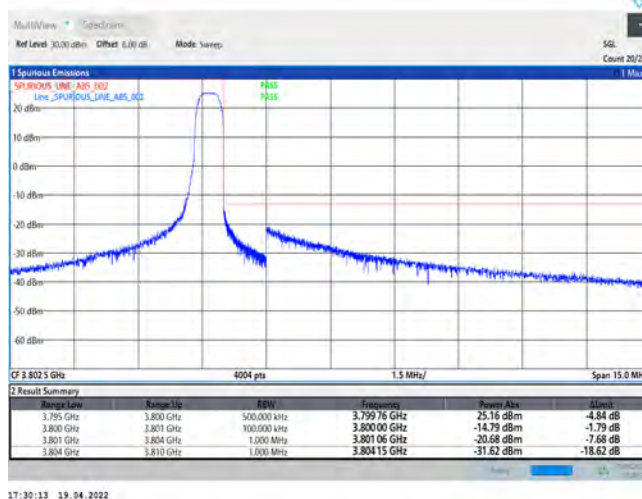
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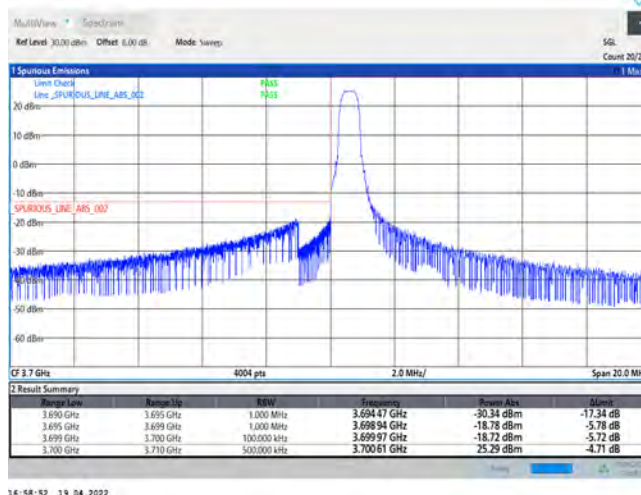
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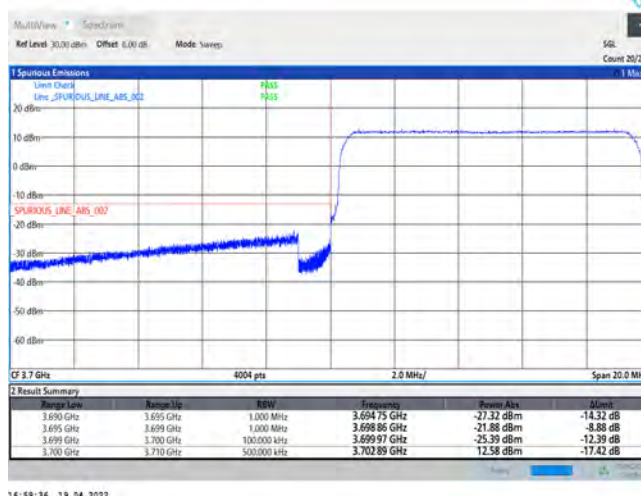
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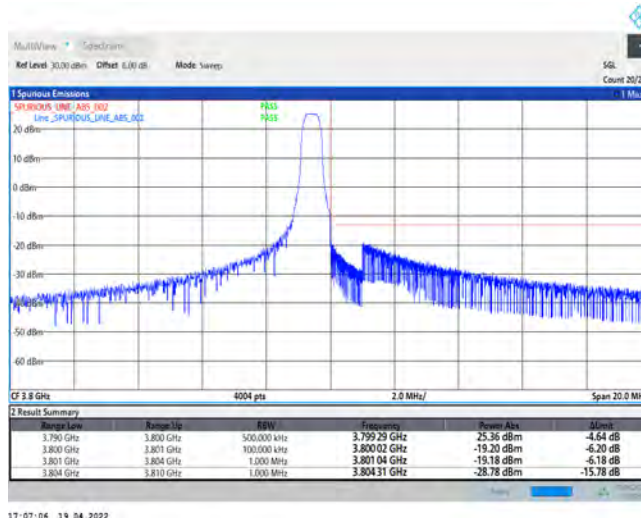
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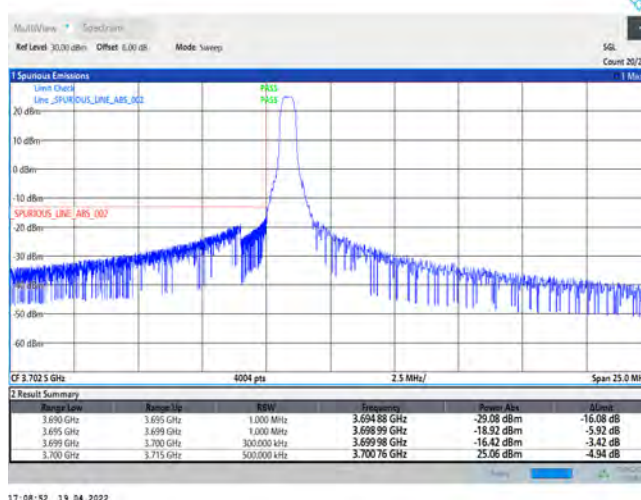
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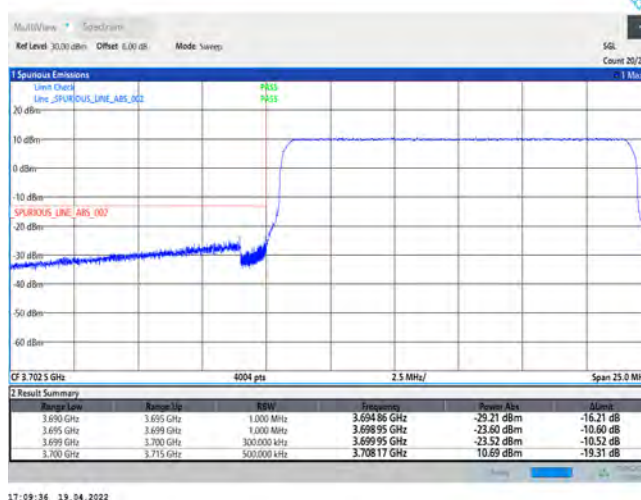
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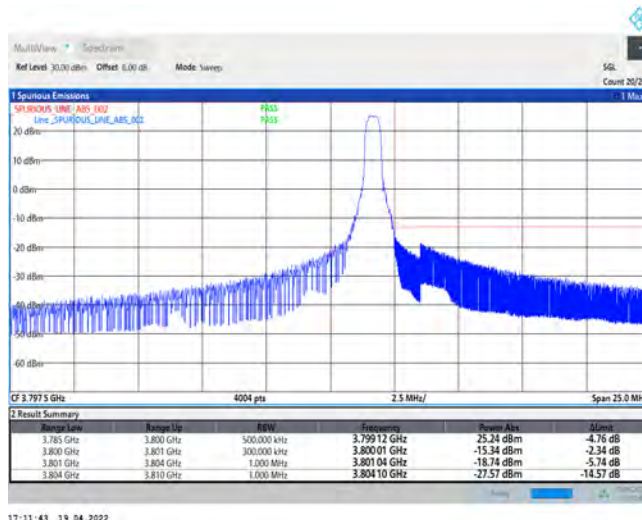
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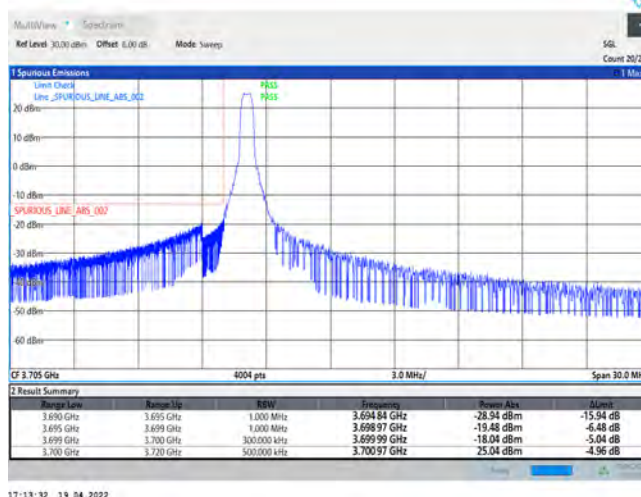
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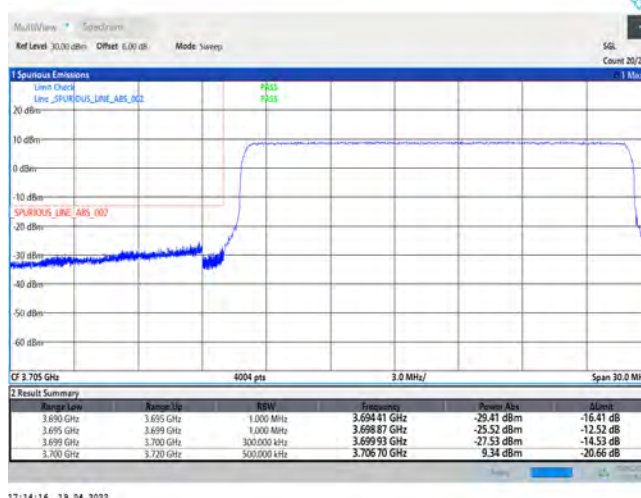
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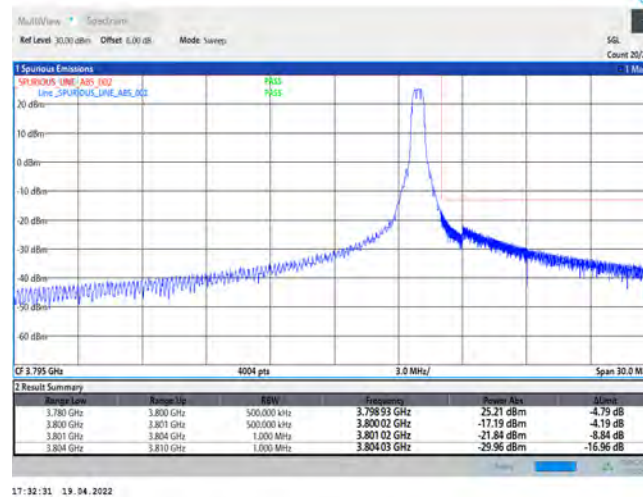
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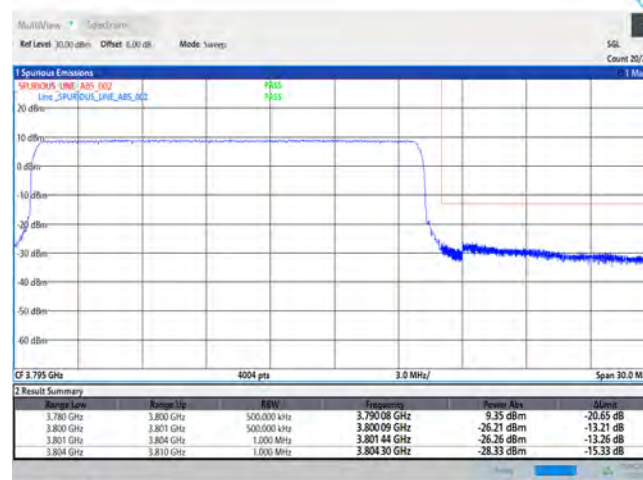
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Band43-20MHz-QPSK-45490-1RB#99



17:32:31 19.04.2022

Band43-20MHz-QPSK-45490-100RB#0



17:33:32 19.04.2022



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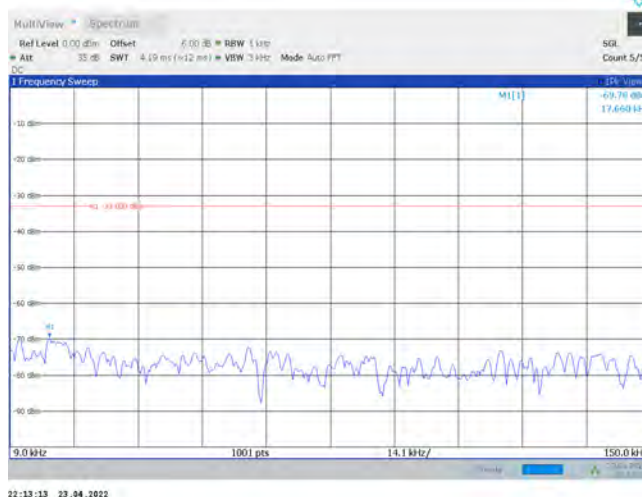
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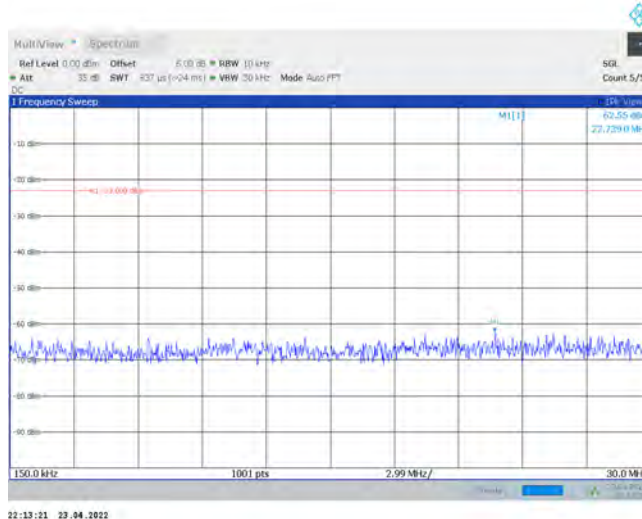
Conducted Spurious Emission

Test Graphs

Band43-20MHz-QPSK-44690-1RB#0-Range1:0.009~0.15MHz



Band43-20MHz-QPSK-44690-1RB#0-Range2:0.15~30MHz



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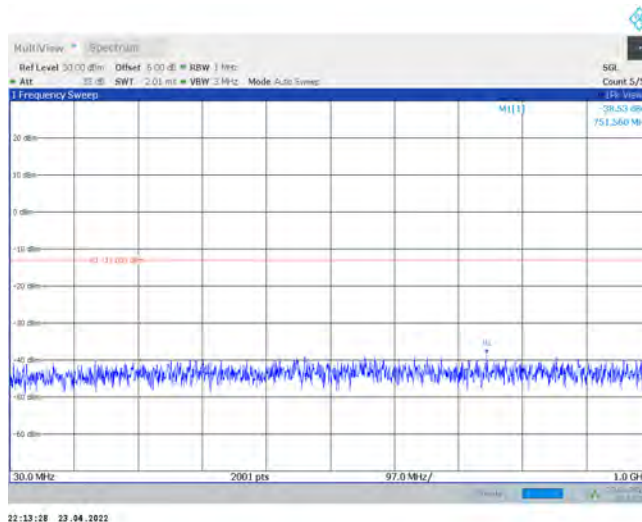
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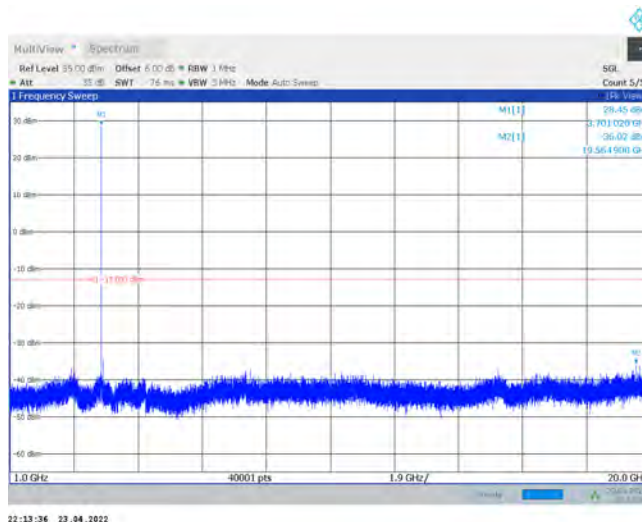
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Band43-20MHz-QPSK-44690-1RB#0-Range3:30~1000MHz



Band43-20MHz-QPSK-44690-1RB#0-Range4:1000~20000MHz



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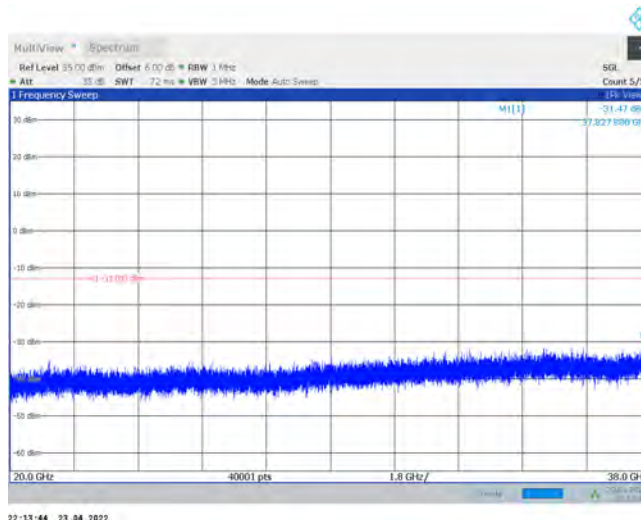
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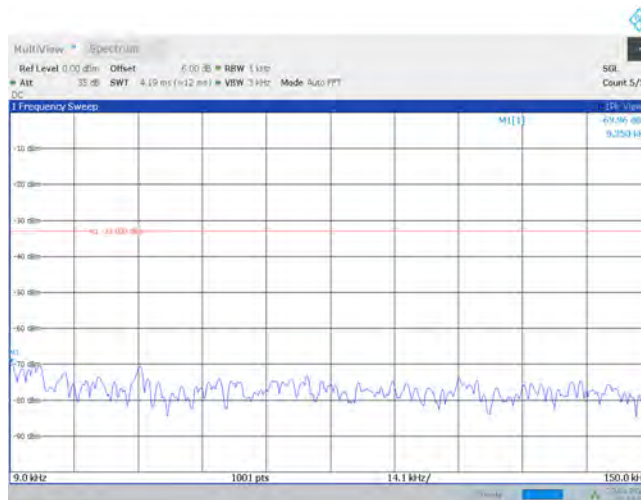
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Band43-20MHz-QPSK-44690-1RB#0-Range5:20000~38000MHz



22:13:44 23.04.2022

Band43-20MHz-QPSK-45090-1RB#0-Range1:0.009~0.15MHz



22:14:02 23.04.2022



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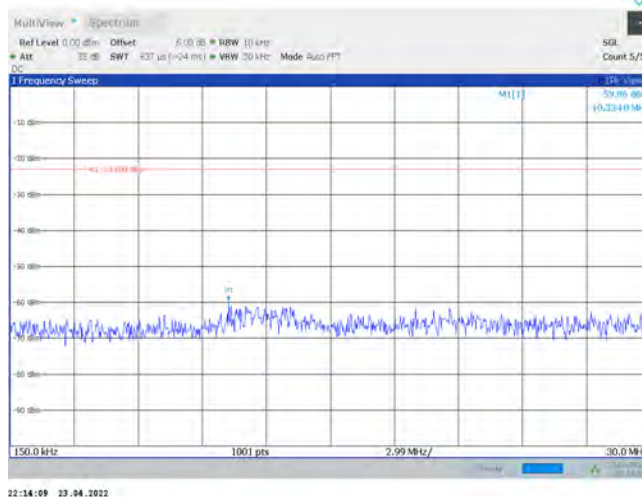
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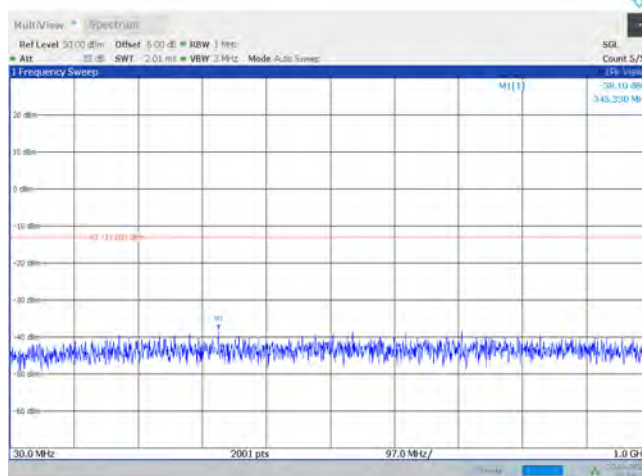
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Band43-20MHz-QPSK-45090-1RB#0-Range2:0.15~30MHz



22:14:09 23.04.2022

Band43-20MHz-QPSK-45090-1RB#0-Range3:30~1000MHz



22:14:17 23.04.2022



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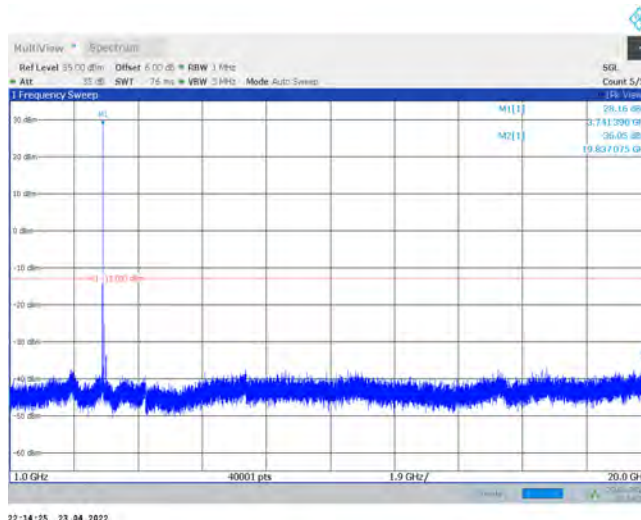
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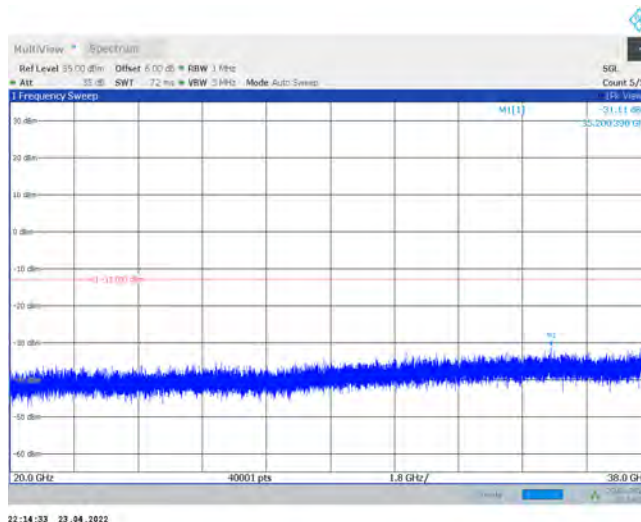
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Band43-20MHz-QPSK-45090-1RB#0-Range4:1000~20000MHz



Band43-20MHz-QPSK-45090-1RB#0-Range5:20000~38000MHz



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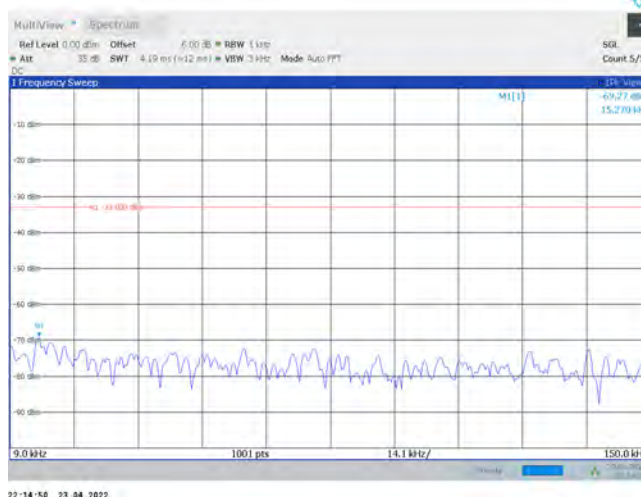
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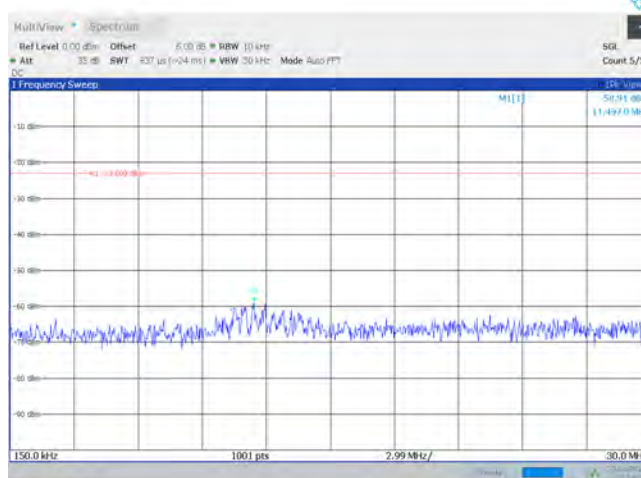
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Band43-20MHz-QPSK-45490-1RB#0-Range1:0.009~0.15MHz



22:14:50 23.04.2022

Band43-20MHz-QPSK-45490-1RB#0-Range2:0.15~30MHz



22:14:58 23.04.2022



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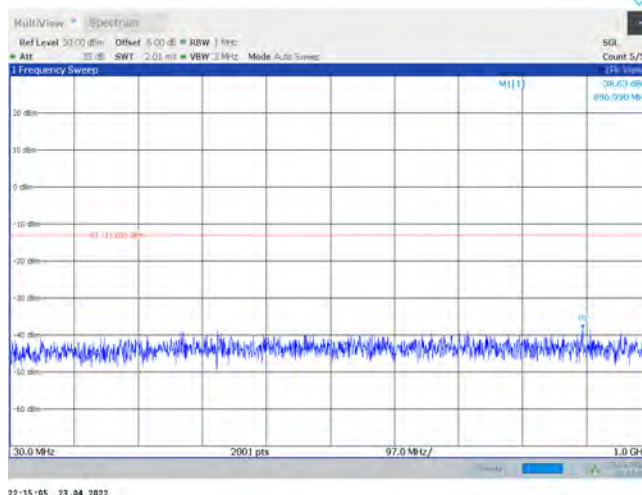
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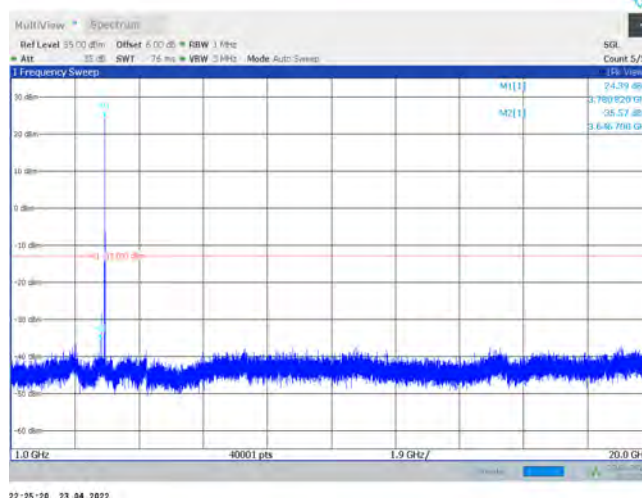
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Band43-20MHz-QPSK-45490-1RB#0-Range3:30~1000MHz



Band43-20MHz-QPSK-45490-1RB#0-Range4:1000~20000MHz



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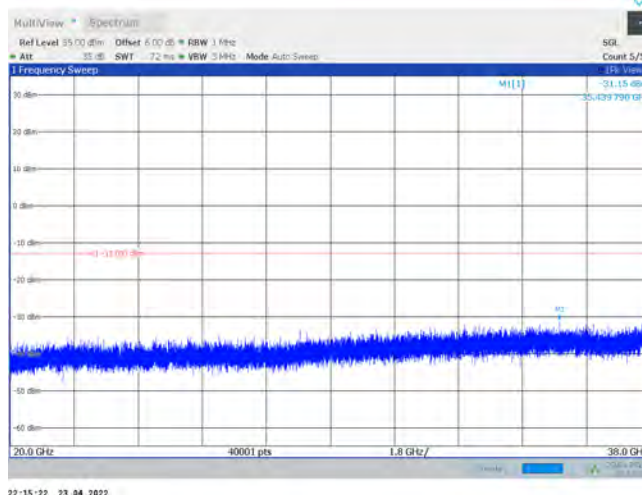
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Band43-20MHz-QPSK-45490-1RB#0-Range5:20000~38000MHz



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Field Strength of Spurious Radiation

Test Band = LTE Band 43 3700M-3800M_ TM1
Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5979.8333	52.06	-103.88	-51.82	-13.00	38.82	263	360	Horizontal
2	7402.18	49.05	-100.80	-51.75	-13.00	38.75	251	266	Horizontal
3	9324.6667	50.59	-94.90	-44.31	-13.00	31.31	174	332	Horizontal
4	11103.27	42.60	-90.92	-48.32	-13.00	35.32	262	359	Horizontal
5	14804.36	41.49	-89.75	-48.26	-13.00	35.26	251	199	Horizontal
6	17860	41.97	-84.28	-42.31	-13.00	29.31	144	199	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7402	54.96	-100.80	-45.84	-13.00	32.84	263	78	Vertical
2	9315.3333	49.72	-94.97	-45.25	-13.00	32.25	251	307	Vertical
3	11103.27	42.14	-90.92	-48.78	-13.00	35.78	175	157	Vertical
4	13489.6667	44.99	-89.44	-44.45	-13.00	31.45	265	352	Vertical
5	14804.36	40.36	-89.75	-49.39	-13.00	36.39	241	3	Vertical
6	17682.6667	41.61	-85.12	-43.51	-13.00	30.51	188	157	Vertical



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Test Band = LTE Band 43 3700M-3800M_ TM1
Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7482.18	51.15	-100.43	-49.28	-13.00	36.28	263	119	Horizontal
2	9315.3333	49.13	-94.97	-45.84	-13.00	32.84	251	352	Horizontal
3	11223.27	43.17	-90.99	-47.82	-13.00	34.82	142	187	Horizontal
4	13513	45.13	-89.38	-44.25	-13.00	31.25	263	4	Horizontal
5	14964.36	41.45	-90.35	-48.90	-13.00	35.90	251	242	Horizontal
6	17809.8333	42.77	-84.33	-41.56	-13.00	28.56	175	214	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6454.6667	53.73	-102.61	-48.88	-13.00	35.88	263	132	Vertical
2	7482.18	53.71	-100.43	-46.72	-13.00	33.72	251	291	Vertical
3	9348	48.91	-94.73	-45.82	-13.00	32.82	174	104	Vertical
4	11223.27	43.89	-90.99	-47.10	-13.00	34.10	186	357	Vertical
5	14964.36	42.70	-90.35	-47.65	-13.00	34.65	264	279	Vertical
6	17773.6667	41.92	-84.49	-42.57	-13.00	29.57	244	251	Vertical



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Test Band = LTE Band 43 3700M-3800M_ TM1
Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7562.18	48.64	-100.00	-51.36	-13.00	38.36	263	359	Horizontal
2	9320	49.07	-94.93	-45.86	-13.00	32.86	251	133	Horizontal
3	11343.27	43.58	-91.42	-47.84	-13.00	34.84	142	360	Horizontal
4	13635.5	46.11	-89.86	-43.75	-13.00	30.75	263	107	Horizontal
5	15124.36	42.22	-90.05	-47.83	-13.00	34.83	284	93	Horizontal
6	17865.8333	42.56	-84.27	-41.71	-13.00	28.71	177	119	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7561.8333	55.52	-100.01	-44.49	-13.00	31.49	263	320	Vertical
2	9307.1667	50.33	-95.03	-44.70	-13.00	31.70	251	228	Vertical
3	11343.27	42.84	-91.42	-48.58	-13.00	35.58	174	240	Vertical
4	13284.3333	46.08	-90.54	-44.46	-13.00	31.46	262	334	Vertical
5	15124.36	40.47	-90.05	-49.58	-13.00	36.58	284	228	Vertical
6	17906.6667	42.35	-84.22	-41.87	-13.00	28.87	177	359	Vertical



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Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band43	20MHz	QPSK	45090	100RB#0	VL	NT	-1.70	-0.000453	PASS
Band43	20MHz	QPSK	45090	100RB#0	VN	NT	0.80	0.000213	PASS
Band43	20MHz	QPSK	45090	100RB#0	VH	NT	1.40	0.000373	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band43	20MHz	QPSK	45090	100RB#0	NV	-30	-0.70	-0.000187	PASS
Band43	20MHz	QPSK	45090	100RB#0	NV	-20	-0.60	-0.000160	PASS
Band43	20MHz	QPSK	45090	100RB#0	NV	0	2.90	0.000773	PASS
Band43	20MHz	QPSK	45090	100RB#0	NV	10	-1.90	-0.000507	PASS
Band43	20MHz	QPSK	45090	100RB#0	NV	20	-1.30	-0.000347	PASS
Band43	20MHz	QPSK	45090	100RB#0	NV	30	1.40	0.000373	PASS
Band43	20MHz	QPSK	45090	100RB#0	NV	40	-1.00	-0.000267	PASS
Band43	20MHz	QPSK	45090	100RB#0	NV	50	0.50	0.000133	PASS

The End

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