



Report No.: SUCR240400009001

Rev.: 01

Page: 1 of 219

Appendix B.17

LTE Band 41



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t (86-512) 62992980 sgs.china@sgs.com

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1. Effective (Isotropic) Radiated Power Output Data

1.1.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	25.95	26.73	33	PASS
Band41	5MHz	16QAM	39675	1RB#0	25.13	25.91	33	PASS
Band41	5MHz	64QAM	39675	1RB#0	24.4	25.18	33	PASS
Band41	5MHz	256QAM	39675	1RB#0	21.18	21.96	33	PASS
Band41	5MHz	QPSK	39675	1RB#12	25.91	26.69	33	PASS
Band41	5MHz	16QAM	39675	1RB#12	25.04	25.82	33	PASS
Band41	5MHz	64QAM	39675	1RB#12	24.32	25.1	33	PASS
Band41	5MHz	256QAM	39675	1RB#12	21.21	21.99	33	PASS
Band41	5MHz	QPSK	39675	1RB#24	25.83	26.61	33	PASS
Band41	5MHz	16QAM	39675	1RB#24	24.98	25.76	33	PASS
Band41	5MHz	64QAM	39675	1RB#24	24.38	25.16	33	PASS
Band41	5MHz	256QAM	39675	1RB#24	21.11	21.89	33	PASS
Band41	5MHz	QPSK	39675	25RB#0	25.03	25.81	33	PASS
Band41	5MHz	16QAM	39675	25RB#0	24.06	24.84	33	PASS
Band41	5MHz	64QAM	39675	25RB#0	23.06	23.84	33	PASS
Band41	5MHz	256QAM	39675	25RB#0	21.04	21.82	33	PASS
Band41	5MHz	QPSK	40620	1RB#0	26.03	26.81	33	PASS
Band41	5MHz	16QAM	40620	1RB#0	25.18	25.96	33	PASS
Band41	5MHz	64QAM	40620	1RB#0	24.38	25.16	33	PASS
Band41	5MHz	256QAM	40620	1RB#0	21.28	22.06	33	PASS
Band41	5MHz	QPSK	40620	1RB#12	26.11	26.89	33	PASS
Band41	5MHz	16QAM	40620	1RB#12	25.27	26.05	33	PASS
Band41	5MHz	64QAM	40620	1RB#12	24.66	25.44	33	PASS
Band41	5MHz	256QAM	40620	1RB#12	21.41	22.19	33	PASS
Band41	5MHz	QPSK	40620	1RB#24	26.06	26.84	33	PASS
Band41	5MHz	16QAM	40620	1RB#24	25.26	26.04	33	PASS
Band41	5MHz	64QAM	40620	1RB#24	24.47	25.25	33	PASS
Band41	5MHz	256QAM	40620	1RB#24	21.07	21.85	33	PASS
Band41	5MHz	QPSK	40620	25RB#0	25.13	25.91	33	PASS



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Report No.: SUCR240400009001

Rev.: 01

Page: 3 of 219

Band41	5MHz	16QAM	40620	25RB#0	24.15	24.93	33	PASS
Band41	5MHz	64QAM	40620	25RB#0	23.14	23.92	33	PASS
Band41	5MHz	256QAM	40620	25RB#0	21.15	21.93	33	PASS
Band41	5MHz	QPSK	41565	1RB#0	25.86	26.64	33	PASS
Band41	5MHz	16QAM	41565	1RB#0	24.92	25.7	33	PASS
Band41	5MHz	64QAM	41565	1RB#0	24.22	25	33	PASS
Band41	5MHz	256QAM	41565	1RB#0	21.03	21.81	33	PASS
Band41	5MHz	QPSK	41565	1RB#12	25.83	26.61	33	PASS
Band41	5MHz	16QAM	41565	1RB#12	25.05	25.83	33	PASS
Band41	5MHz	64QAM	41565	1RB#12	24.25	25.03	33	PASS
Band41	5MHz	256QAM	41565	1RB#12	21.12	21.9	33	PASS
Band41	5MHz	QPSK	41565	1RB#24	25.78	26.56	33	PASS
Band41	5MHz	16QAM	41565	1RB#24	25.01	25.79	33	PASS
Band41	5MHz	64QAM	41565	1RB#24	24.27	25.05	33	PASS
Band41	5MHz	256QAM	41565	1RB#24	21.04	21.82	33	PASS
Band41	5MHz	QPSK	41565	25RB#0	24.9	25.68	33	PASS
Band41	5MHz	16QAM	41565	25RB#0	23.93	24.71	33	PASS
Band41	5MHz	64QAM	41565	25RB#0	22.95	23.73	33	PASS
Band41	5MHz	256QAM	41565	25RB#0	20.96	21.74	33	PASS
Band41	10MHz	QPSK	39700	1RB#0	25.91	26.69	33	PASS
Band41	10MHz	16QAM	39700	1RB#0	25.12	25.9	33	PASS
Band41	10MHz	64QAM	39700	1RB#0	24.28	25.06	33	PASS
Band41	10MHz	256QAM	39700	1RB#0	21.18	21.96	33	PASS
Band41	10MHz	QPSK	39700	1RB#24	25.92	26.7	33	PASS
Band41	10MHz	16QAM	39700	1RB#24	25.07	25.85	33	PASS
Band41	10MHz	64QAM	39700	1RB#24	24.37	25.15	33	PASS
Band41	10MHz	256QAM	39700	1RB#24	21.19	21.97	33	PASS
Band41	10MHz	QPSK	39700	1RB#49	25.96	26.74	33	PASS
Band41	10MHz	16QAM	39700	1RB#49	25.07	25.85	33	PASS
Band41	10MHz	64QAM	39700	1RB#49	24.24	25.02	33	PASS
Band41	10MHz	256QAM	39700	1RB#49	21.03	21.81	33	PASS
Band41	10MHz	QPSK	39700	50RB#0	25.05	25.83	33	PASS
Band41	10MHz	16QAM	39700	50RB#0	24.06	24.84	33	PASS
Band41	10MHz	64QAM	39700	50RB#0	23.07	23.85	33	PASS



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Band41	10MHz	256QAM	39700	50RB#0	21.04	21.82	33	PASS
Band41	10MHz	QPSK	40620	1RB#0	26.25	27.03	33	PASS
Band41	10MHz	16QAM	40620	1RB#0	25.31	26.09	33	PASS
Band41	10MHz	64QAM	40620	1RB#0	24.41	25.19	33	PASS
Band41	10MHz	256QAM	40620	1RB#0	21.22	22	33	PASS
Band41	10MHz	QPSK	40620	1RB#24	26.12	26.9	33	PASS
Band41	10MHz	16QAM	40620	1RB#24	25.25	26.03	33	PASS
Band41	10MHz	64QAM	40620	1RB#24	24.49	25.27	33	PASS
Band41	10MHz	256QAM	40620	1RB#24	21.39	22.17	33	PASS
Band41	10MHz	QPSK	40620	1RB#49	26	26.78	33	PASS
Band41	10MHz	16QAM	40620	1RB#49	25.3	26.08	33	PASS
Band41	10MHz	64QAM	40620	1RB#49	24.4	25.18	33	PASS
Band41	10MHz	256QAM	40620	1RB#49	21.26	22.04	33	PASS
Band41	10MHz	QPSK	40620	50RB#0	25.13	25.91	33	PASS
Band41	10MHz	16QAM	40620	50RB#0	24.17	24.95	33	PASS
Band41	10MHz	64QAM	40620	50RB#0	23.17	23.95	33	PASS
Band41	10MHz	256QAM	40620	50RB#0	21.14	21.92	33	PASS
Band41	10MHz	QPSK	41540	1RB#0	25.81	26.59	33	PASS
Band41	10MHz	16QAM	41540	1RB#0	24.97	25.75	33	PASS
Band41	10MHz	64QAM	41540	1RB#0	24.14	24.92	33	PASS
Band41	10MHz	256QAM	41540	1RB#0	21	21.78	33	PASS
Band41	10MHz	QPSK	41540	1RB#24	25.78	26.56	33	PASS
Band41	10MHz	16QAM	41540	1RB#24	24.94	25.72	33	PASS
Band41	10MHz	64QAM	41540	1RB#24	24.32	25.1	33	PASS
Band41	10MHz	256QAM	41540	1RB#24	21.12	21.9	33	PASS
Band41	10MHz	QPSK	41540	1RB#49	25.77	26.55	33	PASS
Band41	10MHz	16QAM	41540	1RB#49	24.93	25.71	33	PASS
Band41	10MHz	64QAM	41540	1RB#49	24.4	25.18	33	PASS
Band41	10MHz	256QAM	41540	1RB#49	21.05	21.83	33	PASS
Band41	10MHz	QPSK	41540	50RB#0	24.91	25.69	33	PASS
Band41	10MHz	16QAM	41540	50RB#0	23.94	24.72	33	PASS
Band41	10MHz	64QAM	41540	50RB#0	22.92	23.7	33	PASS
Band41	10MHz	256QAM	41540	50RB#0	20.93	21.71	33	PASS
Band41	15MHz	QPSK	39725	1RB#0	25.83	26.61	33	PASS



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Band41	15MHz	16QAM	39725	1RB#0	24.88	25.66	33	PASS
Band41	15MHz	64QAM	39725	1RB#0	24.03	24.81	33	PASS
Band41	15MHz	256QAM	39725	1RB#0	20.92	21.7	33	PASS
Band41	15MHz	QPSK	39725	1RB#38	25.78	26.56	33	PASS
Band41	15MHz	16QAM	39725	1RB#38	24.89	25.67	33	PASS
Band41	15MHz	64QAM	39725	1RB#38	24.12	24.9	33	PASS
Band41	15MHz	256QAM	39725	1RB#38	20.95	21.73	33	PASS
Band41	15MHz	QPSK	39725	1RB#74	25.69	26.47	33	PASS
Band41	15MHz	16QAM	39725	1RB#74	24.76	25.54	33	PASS
Band41	15MHz	64QAM	39725	1RB#74	24.04	24.82	33	PASS
Band41	15MHz	256QAM	39725	1RB#74	21.04	21.82	33	PASS
Band41	15MHz	QPSK	39725	75RB#0	24.84	25.62	33	PASS
Band41	15MHz	16QAM	39725	75RB#0	23.93	24.71	33	PASS
Band41	15MHz	64QAM	39725	75RB#0	22.88	23.66	33	PASS
Band41	15MHz	256QAM	39725	75RB#0	20.92	21.7	33	PASS
Band41	15MHz	QPSK	40620	1RB#0	25.91	26.69	33	PASS
Band41	15MHz	16QAM	40620	1RB#0	25.13	25.91	33	PASS
Band41	15MHz	64QAM	40620	1RB#0	24.23	25.01	33	PASS
Band41	15MHz	256QAM	40620	1RB#0	21.06	21.84	33	PASS
Band41	15MHz	QPSK	40620	1RB#38	25.91	26.69	33	PASS
Band41	15MHz	16QAM	40620	1RB#38	25.15	25.93	33	PASS
Band41	15MHz	64QAM	40620	1RB#38	24.29	25.07	33	PASS
Band41	15MHz	256QAM	40620	1RB#38	21.18	21.96	33	PASS
Band41	15MHz	QPSK	40620	1RB#74	25.88	26.66	33	PASS
Band41	15MHz	16QAM	40620	1RB#74	25.06	25.84	33	PASS
Band41	15MHz	64QAM	40620	1RB#74	24.35	25.13	33	PASS
Band41	15MHz	256QAM	40620	1RB#74	21.22	22	33	PASS
Band41	15MHz	QPSK	40620	75RB#0	24.98	25.76	33	PASS
Band41	15MHz	16QAM	40620	75RB#0	24.02	24.8	33	PASS
Band41	15MHz	64QAM	40620	75RB#0	23.03	23.81	33	PASS
Band41	15MHz	256QAM	40620	75RB#0	21.07	21.85	33	PASS
Band41	15MHz	QPSK	41515	1RB#0	25.51	26.29	33	PASS
Band41	15MHz	16QAM	41515	1RB#0	24.73	25.51	33	PASS
Band41	15MHz	64QAM	41515	1RB#0	24.06	24.84	33	PASS



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Rev.: 01

Page: 6 of 219

Band41	15MHz	256QAM	41515	1RB#0	20.82	21.6	33	PASS
Band41	15MHz	QPSK	41515	1RB#38	25.54	26.32	33	PASS
Band41	15MHz	16QAM	41515	1RB#38	24.75	25.53	33	PASS
Band41	15MHz	64QAM	41515	1RB#38	23.93	24.71	33	PASS
Band41	15MHz	256QAM	41515	1RB#38	20.91	21.69	33	PASS
Band41	15MHz	QPSK	41515	1RB#74	25.72	26.5	33	PASS
Band41	15MHz	16QAM	41515	1RB#74	24.85	25.63	33	PASS
Band41	15MHz	64QAM	41515	1RB#74	24.03	24.81	33	PASS
Band41	15MHz	256QAM	41515	1RB#74	20.97	21.75	33	PASS
Band41	15MHz	QPSK	41515	75RB#0	24.77	25.55	33	PASS
Band41	15MHz	16QAM	41515	75RB#0	23.8	24.58	33	PASS
Band41	15MHz	64QAM	41515	75RB#0	22.81	23.59	33	PASS
Band41	15MHz	256QAM	41515	75RB#0	20.84	21.62	33	PASS
Band41	20MHz	QPSK	39750	1RB#0	25.8	26.58	33	PASS
Band41	20MHz	16QAM	39750	1RB#0	24.86	25.64	33	PASS
Band41	20MHz	64QAM	39750	1RB#0	24.01	24.79	33	PASS
Band41	20MHz	256QAM	39750	1RB#0	20.95	21.73	33	PASS
Band41	20MHz	QPSK	39750	1RB#49	25.88	26.66	33	PASS
Band41	20MHz	16QAM	39750	1RB#49	24.92	25.7	33	PASS
Band41	20MHz	64QAM	39750	1RB#49	24.15	24.93	33	PASS
Band41	20MHz	256QAM	39750	1RB#49	20.98	21.76	33	PASS
Band41	20MHz	QPSK	39750	1RB#99	25.82	26.6	33	PASS
Band41	20MHz	16QAM	39750	1RB#99	24.8	25.58	33	PASS
Band41	20MHz	64QAM	39750	1RB#99	24.09	24.87	33	PASS
Band41	20MHz	256QAM	39750	1RB#99	21.05	21.83	33	PASS
Band41	20MHz	QPSK	39750	100RB#0	24.87	25.65	33	PASS
Band41	20MHz	16QAM	39750	100RB#0	23.88	24.66	33	PASS
Band41	20MHz	64QAM	39750	100RB#0	22.92	23.7	33	PASS
Band41	20MHz	256QAM	39750	100RB#0	20.93	21.71	33	PASS
Band41	20MHz	QPSK	40620	1RB#0	26.01	26.79	33	PASS
Band41	20MHz	16QAM	40620	1RB#0	25	25.78	33	PASS
Band41	20MHz	64QAM	40620	1RB#0	24.27	25.05	33	PASS
Band41	20MHz	256QAM	40620	1RB#0	21.11	21.89	33	PASS
Band41	20MHz	QPSK	40620	1RB#49	26.03	26.81	33	PASS



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Report No.: SUCR240400009001

Rev.: 01

Page: 7 of 219

Band41	20MHz	16QAM	40620	1RB#49	25.12	25.9	33	PASS
Band41	20MHz	64QAM	40620	1RB#49	24.33	25.11	33	PASS
Band41	20MHz	256QAM	40620	1RB#49	21.3	22.08	33	PASS
Band41	20MHz	QPSK	40620	1RB#99	25.92	26.7	33	PASS
Band41	20MHz	16QAM	40620	1RB#99	24.98	25.76	33	PASS
Band41	20MHz	64QAM	40620	1RB#99	24.29	25.07	33	PASS
Band41	20MHz	256QAM	40620	1RB#99	21.16	21.94	33	PASS
Band41	20MHz	QPSK	40620	100RB#0	25	25.78	33	PASS
Band41	20MHz	16QAM	40620	100RB#0	24.01	24.79	33	PASS
Band41	20MHz	64QAM	40620	100RB#0	23.04	23.82	33	PASS
Band41	20MHz	256QAM	40620	100RB#0	21.05	21.83	33	PASS
Band41	20MHz	QPSK	41490	1RB#0	25.72	26.5	33	PASS
Band41	20MHz	16QAM	41490	1RB#0	24.82	25.6	33	PASS
Band41	20MHz	64QAM	41490	1RB#0	24.02	24.8	33	PASS
Band41	20MHz	256QAM	41490	1RB#0	20.87	21.65	33	PASS
Band41	20MHz	QPSK	41490	1RB#49	25.67	26.45	33	PASS
Band41	20MHz	16QAM	41490	1RB#49	24.74	25.52	33	PASS
Band41	20MHz	64QAM	41490	1RB#49	24.06	24.84	33	PASS
Band41	20MHz	256QAM	41490	1RB#49	20.93	21.71	33	PASS
Band41	20MHz	QPSK	41490	1RB#99	25.8	26.58	33	PASS
Band41	20MHz	16QAM	41490	1RB#99	25.11	25.89	33	PASS
Band41	20MHz	64QAM	41490	1RB#99	24.04	24.82	33	PASS
Band41	20MHz	256QAM	41490	1RB#99	21.05	21.83	33	PASS
Band41	20MHz	QPSK	41490	100RB#0	24.73	25.51	33	PASS
Band41	20MHz	16QAM	41490	100RB#0	23.74	24.52	33	PASS
Band41	20MHz	64QAM	41490	100RB#0	22.73	23.51	33	PASS
Band41	20MHz	256QAM	41490	100RB#0	20.75	21.53	33	PASS



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Report No.: SUCR240400009001

Rev.: 01

Page: 8 of 219

2. Frequency Stability

2.4 B41_20MHz

2.4.1 Test Result

Band: 41 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2506	100	0	20	3.135	-1.398	-0.0006	/	Pass
					3.7	-1.232	-0.0005	/	Pass
					4.4	2.533	0.0010	/	Pass
				-30	3.7	2.726	0.0011	/	Pass
				-20	3.7	2.530	0.0010	/	Pass
				-10	3.7	-1.611	-0.0006	/	Pass
				0	3.7	-2.269	-0.0009	/	Pass
				10	3.7	-1.701	-0.0007	/	Pass
				30	3.7	1.095	0.0004	/	Pass
				40	3.7	-0.197	-0.0001	/	Pass
				50	3.7	2.017	0.0008	/	Pass
	2593	100	0	20	3.135	2.359	0.0009	/	Pass
					3.7	2.650	0.0010	/	Pass
					4.4	2.914	0.0011	/	Pass
				-30	3.7	-0.362	-0.0001	/	Pass
				-20	3.7	-0.207	-0.0001	/	Pass
				-10	3.7	1.891	0.0007	/	Pass
				0	3.7	1.704	0.0007	/	Pass
				10	3.7	1.777	0.0007	/	Pass
				30	3.7	3.500	0.0013	/	Pass
				40	3.7	2.223	0.0009	/	Pass
				50	3.7	3.001	0.0012	/	Pass
	2680	100	0	20	3.135	1.939	0.0007	/	Pass
					3.7	2.475	0.0009	/	Pass
					4.4	2.881	0.0011	/	Pass
				-30	3.7	2.717	0.0010	/	Pass
				-20	3.7	-0.446	-0.0002	/	Pass
				-10	3.7	-0.697	-0.0003	/	Pass
				0	3.7	-0.922	-0.0003	/	Pass
				10	3.7	-1.693	-0.0006	/	Pass
				30	3.7	-3.084	-0.0012	/	Pass
				40	3.7	2.047	0.0008	/	Pass
				50	3.7	-1.551	-0.0006	/	Pass



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Report No.: SUCR240400009001
 Rev.: 01
 Page: 9 of 219

3. Field Strength of Spurious Radiation

Test Band = LTE_B41
 Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3709	54.41	-49.92	30.34	-60.43	-25.00	35.43	Horizontal
2	5695	51.63	-46.13	33.48	-56.28	-25.00	31.28	Horizontal
3	8547	49.13	-41.42	39.03	-48.52	-25.00	23.52	Horizontal
4	10688	47.76	-39.29	39.48	-47.31	-25.00	22.31	Horizontal
5	15022	47.21	-35.06	39.88	-43.23	-25.00	18.23	Horizontal
6	17990	48.99	-38.98	42.74	-42.51	-25.00	17.51	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3622	54.20	-49.53	30.29	-60.30	-25.00	35.30	Vertical
2	5015	51.99	-47.40	33.19	-57.48	-25.00	32.48	Vertical
3	6968	51.53	-44.17	36.44	-51.46	-25.00	26.46	Vertical
4	8966.5	49.97	-41.60	38.60	-48.29	-25.00	23.29	Vertical
5	14000.5	47.14	-36.31	40.50	-43.93	-25.00	18.93	Vertical
6	17992	48.73	-38.98	42.75	-42.76	-25.00	17.76	Vertical



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Report No.: SUCR240400009001
Rev.: 01
Page: 10 of 219

Test Band = LTE_B41
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3892	53.53	-49.34	30.57	-60.50	-25.00	35.50	Horizontal
2	5149.5	52.67	-47.18	33.60	-56.17	-25.00	31.17	Horizontal
3	7363	50.40	-43.52	36.87	-51.51	-25.00	26.51	Horizontal
4	8997.5	49.34	-41.17	38.79	-48.30	-25.00	23.30	Horizontal
5	12841	47.34	-36.98	39.38	-45.52	-25.00	20.52	Horizontal
6	16938.5	48.34	-35.63	38.68	-43.87	-25.00	18.87	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3628	54.41	-49.52	30.31	-60.06	-25.00	35.06	Vertical
2	5155	52.52	-47.10	33.47	-56.37	-25.00	31.37	Vertical
3	7116.5	50.74	-44.06	36.97	-51.61	-25.00	26.61	Vertical
4	8536	49.62	-41.64	38.76	-48.52	-25.00	23.52	Vertical
5	12845.5	47.50	-36.96	39.39	-45.33	-25.00	20.33	Vertical
6	17658	49.69	-38.34	41.33	-42.58	-25.00	17.58	Vertical



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Report No.: SUCR240400009001
Rev.: 01
Page: 11 of 219

Test Band = LTE_B41
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3621	54.08	-49.53	30.28	-60.43	-25.00	35.43	Horizontal
2	4252	53.42	-48.42	32.09	-58.17	-25.00	33.17	Horizontal
3	5144	53.17	-47.21	33.59	-55.71	-25.00	30.71	Horizontal
4	7865	49.86	-42.91	37.19	-51.12	-25.00	26.12	Horizontal
5	9534	49.44	-41.00	39.13	-47.69	-25.00	22.69	Horizontal
6	15031	47.62	-35.18	39.87	-42.95	-25.00	17.95	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3610.5	54.26	-49.54	30.24	-60.30	-25.00	35.30	Vertical
2	4594	52.79	-47.74	32.10	-58.11	-25.00	33.11	Vertical
3	6268.5	51.05	-45.14	34.51	-54.84	-25.00	29.84	Vertical
4	8546	49.22	-41.44	39.00	-48.48	-25.00	23.48	Vertical
5	11394	48.10	-38.54	39.69	-46.01	-25.00	21.01	Vertical
6	15025.5	47.44	-35.11	39.87	-43.06	-25.00	18.06	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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4. 99% & 26dB Bandwidth

4.1 Band41_OBW

4.1.1 Test Result

Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2498.5	25	0	4.589	/	Pass
		2593	25	0	4.562	/	Pass
		2687.5	25	0	4.575	/	Pass
	16QAM	2498.5	25	0	4.571	/	Pass
		2593	25	0	4.574	/	Pass
		2687.5	25	0	4.574	/	Pass
	64QAM	2498.5	25	0	4.567	/	Pass
		2593	25	0	4.567	/	Pass
		2687.5	25	0	4.574	/	Pass
	256QAM	2498.5	25	0	4.576	/	Pass
		2593	25	0	4.560	/	Pass
		2687.5	25	0	4.575	/	Pass
10	QPSK	2501	50	0	9.079	/	Pass
		2593	50	0	9.060	/	Pass
		2685	50	0	9.114	/	Pass
	16QAM	2501	50	0	9.052	/	Pass
		2593	50	0	9.072	/	Pass
		2685	50	0	9.075	/	Pass
	64QAM	2501	50	0	9.059	/	Pass
		2593	50	0	9.082	/	Pass
		2685	50	0	9.087	/	Pass
	256QAM	2501	50	0	9.102	/	Pass
		2593	50	0	9.065	/	Pass
		2685	50	0	9.086	/	Pass
15	QPSK	2503.5	75	0	13.652	/	Pass
		2593	75	0	13.625	/	Pass
		2682.5	75	0	13.622	/	Pass
	16QAM	2503.5	75	0	13.642	/	Pass
		2593	75	0	13.637	/	Pass
		2682.5	75	0	13.579	/	Pass
	64QAM	2503.5	75	0	13.627	/	Pass
		2593	75	0	13.649	/	Pass
		2682.5	75	0	13.605	/	Pass
	256QAM	2503.5	75	0	13.619	/	Pass
		2593	75	0	13.582	/	Pass
		2682.5	75	0	13.626	/	Pass
20	QPSK	2506	100	0	18.122	/	Pass
		2593	100	0	18.118	/	Pass
		2680	100	0	18.146	/	Pass



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Report No.: SUCR240400009001

Rev.: 01

Page: 13 of 219

	16QAM	2506	100	0	18.139	/	Pass
		2593	100	0	18.128	/	Pass
		2680	100	0	18.124	/	Pass
	64QAM	2506	100	0	18.039	/	Pass
		2593	100	0	18.133	/	Pass
		2680	100	0	18.106	/	Pass
	256QAM	2506	100	0	18.121	/	Pass
		2593	100	0	18.103	/	Pass
		2680	100	0	18.127	/	Pass



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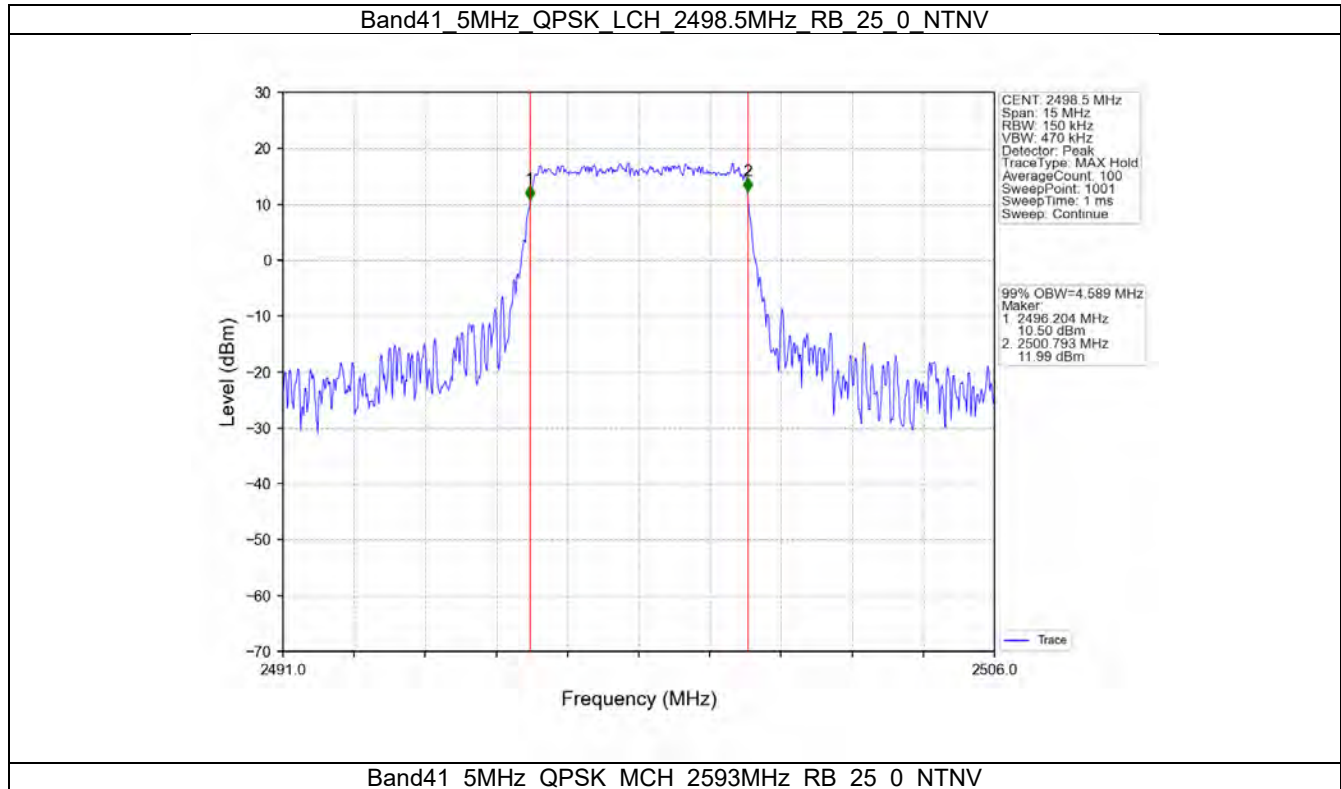
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Report No.: SUCR240400009001

Rev.: 01

Page: 14 of 219

4.1.2 Test Graph



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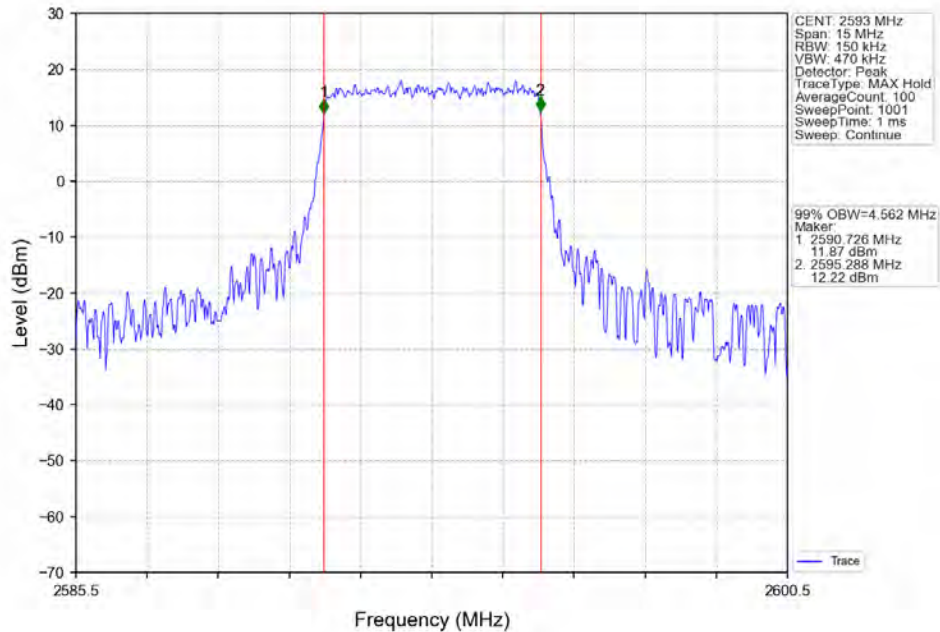
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Report No.: SUCR240400009001

Rev.: 01

Page: 15 of 219



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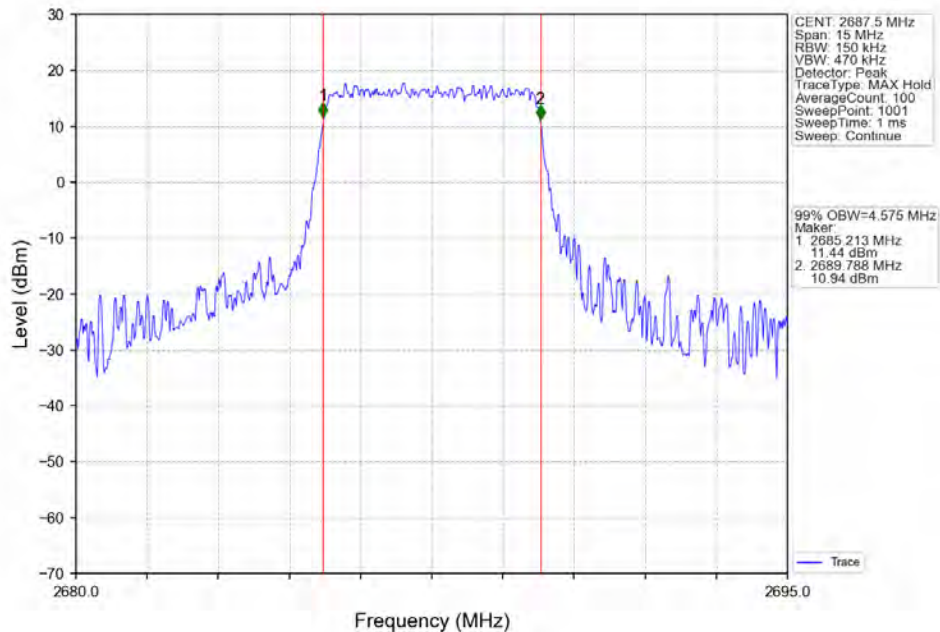
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Report No.: SUCR240400009001

Rev.: 01

Page: 16 of 219

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Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



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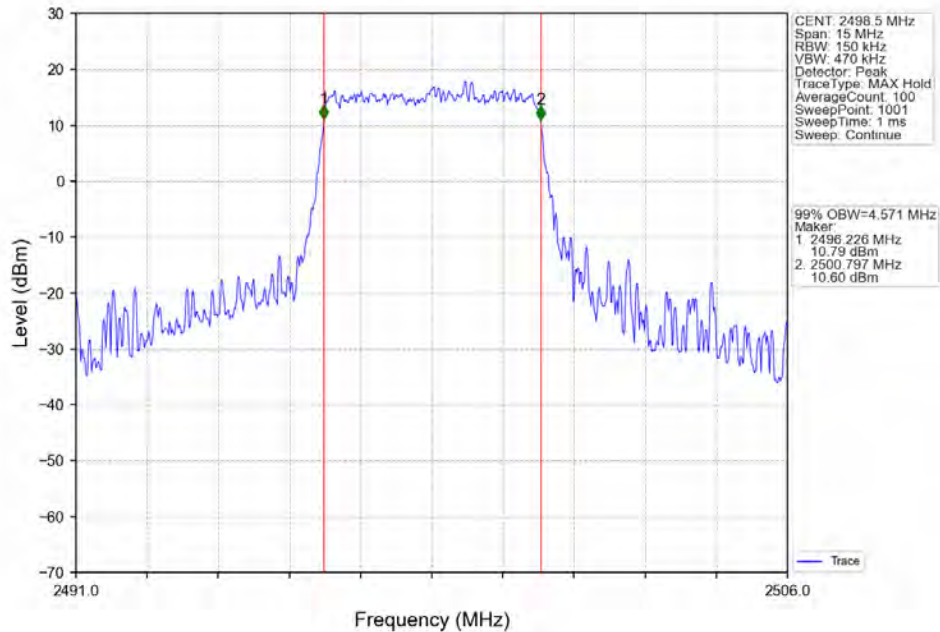
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Report No.: SUCR240400009001

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Page: 17 of 219



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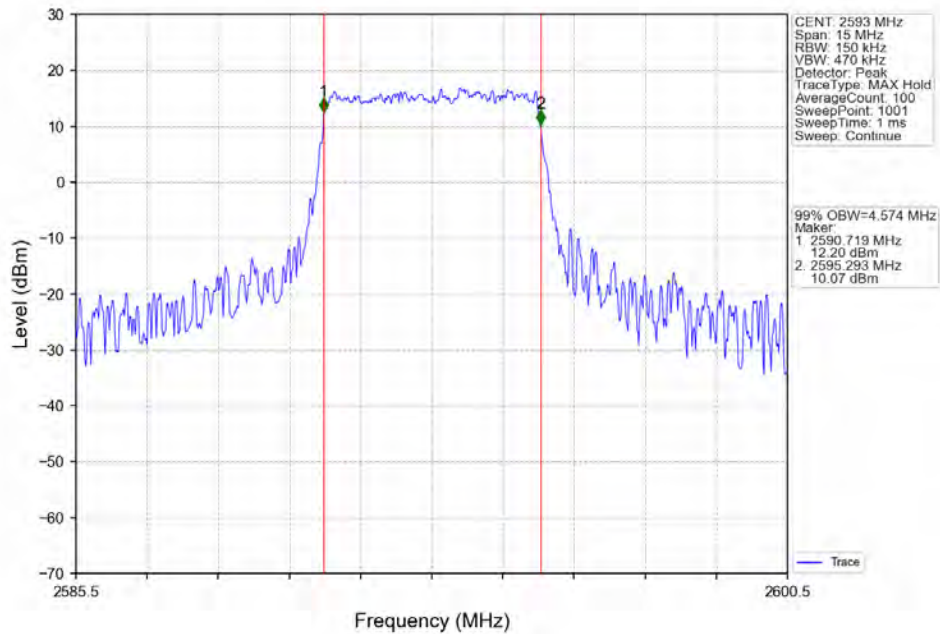
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Report No.: SUCR240400009001

Rev.: 01

Page: 18 of 219

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Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



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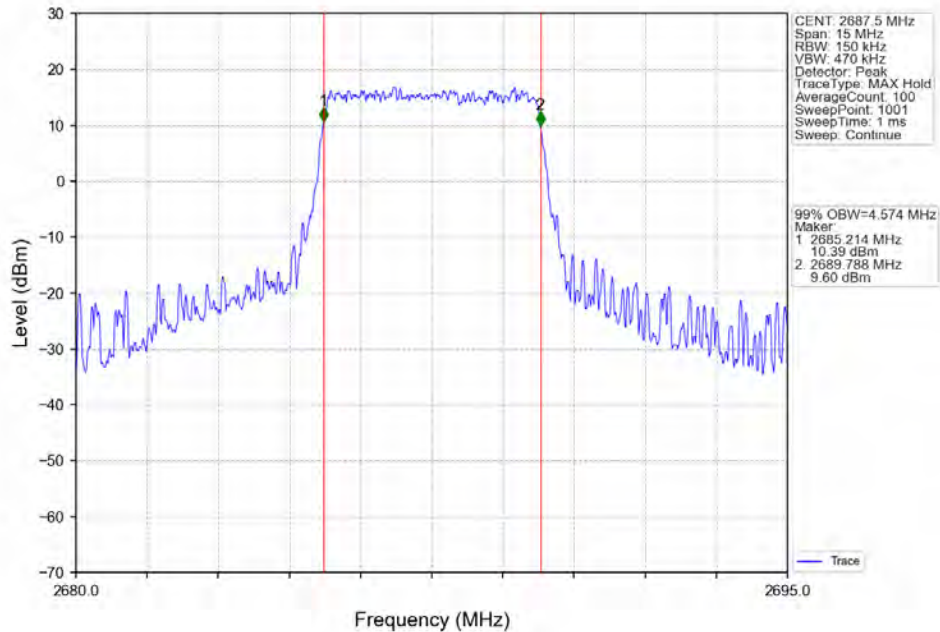
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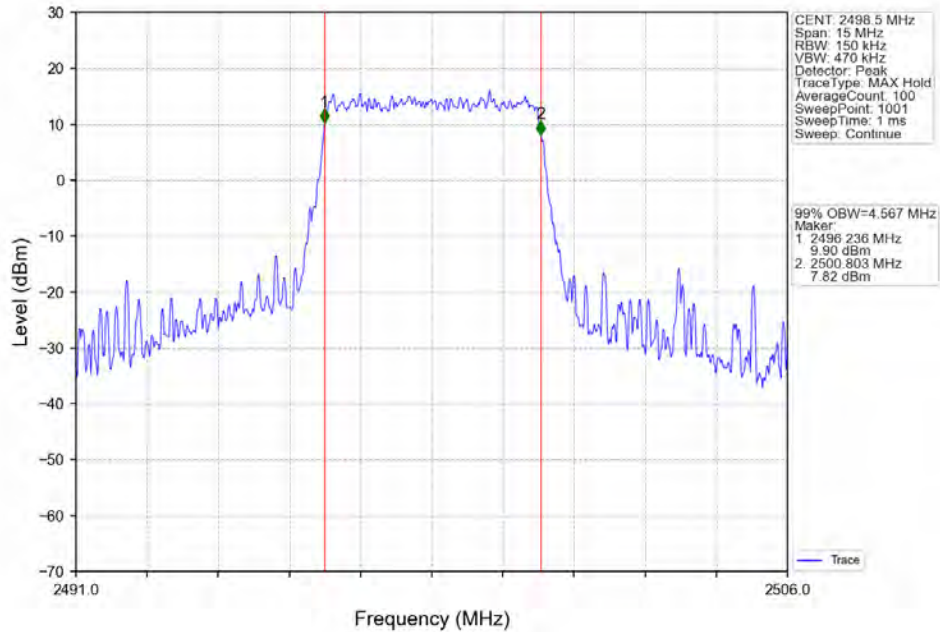
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Report No.: SUCR240400009001

Rev.: 01

Page: 20 of 219

Band41_5MHz_64QAM_LCH_2498.5MHz_RB_25_0_NTNV



Band41_5MHz_64QAM_MCH_2593MHz_RB_25_0_NTNV



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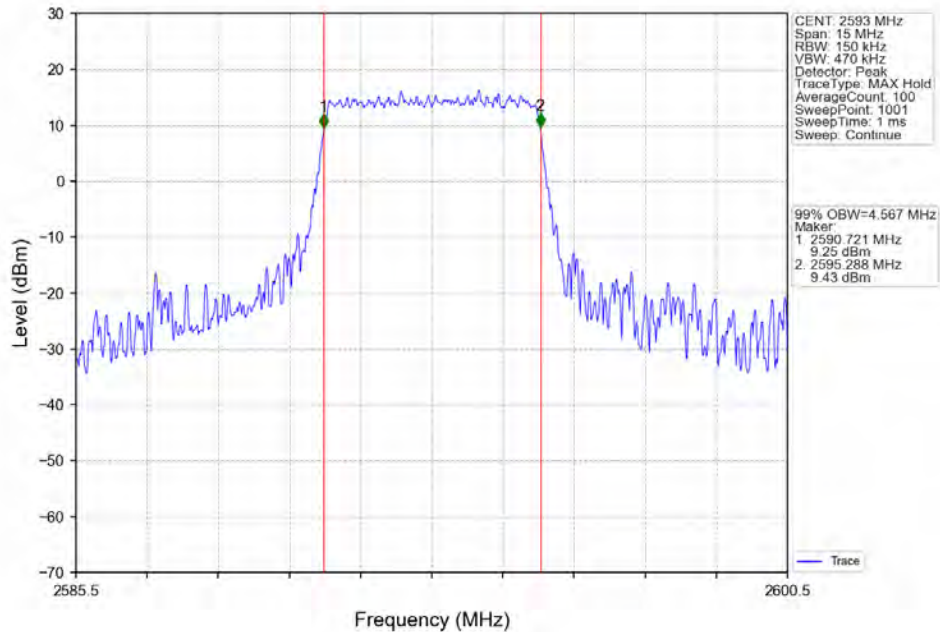
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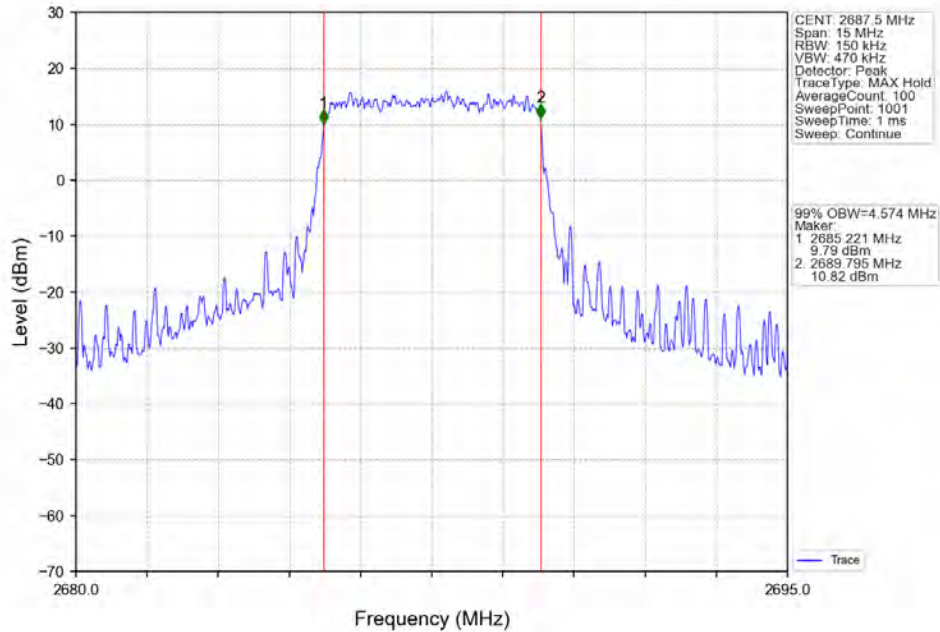
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Rev.: 01

Page: 22 of 219

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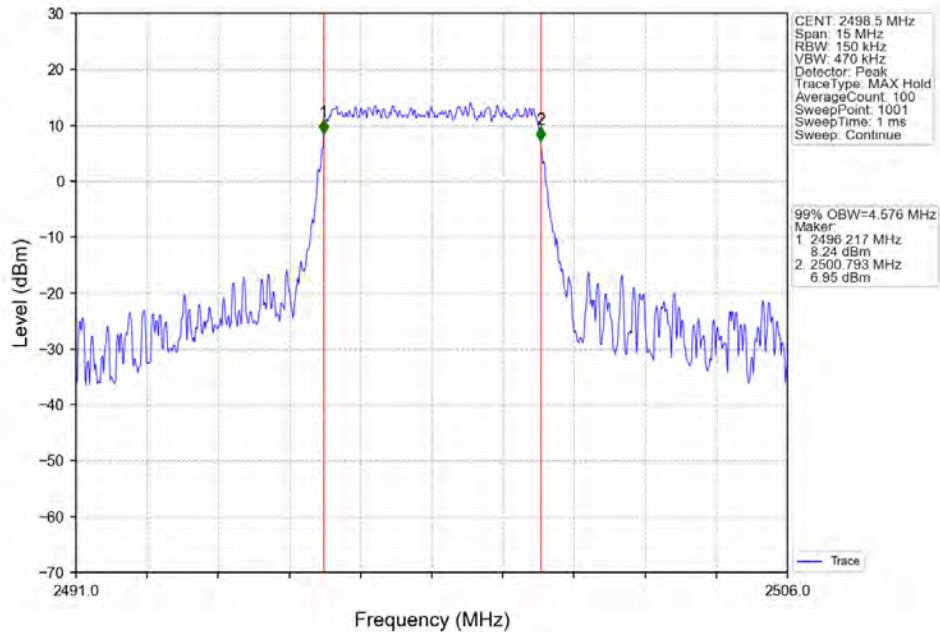
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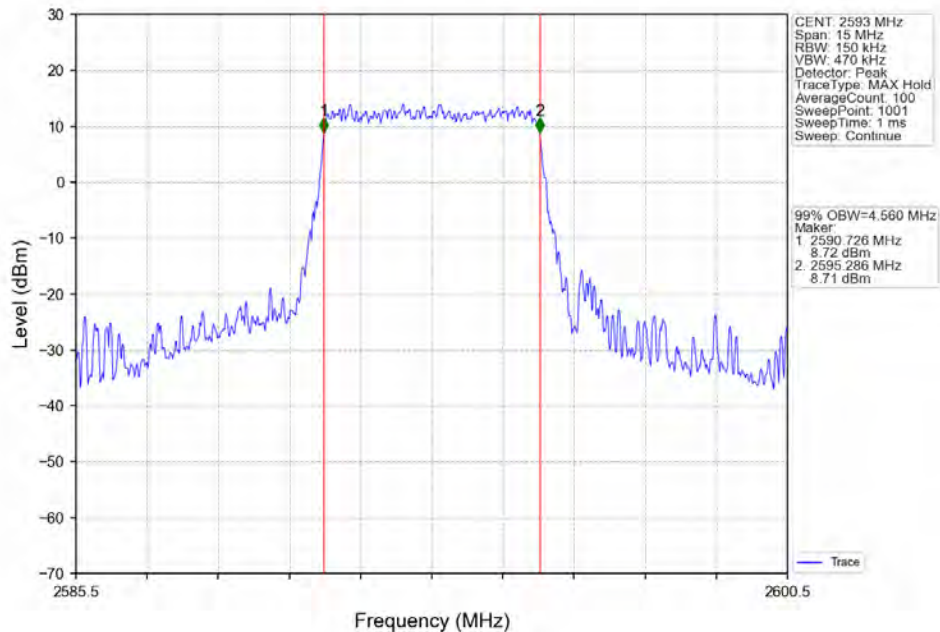
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Report No.: SUCR240400009001

Rev.: 01

Page: 24 of 219

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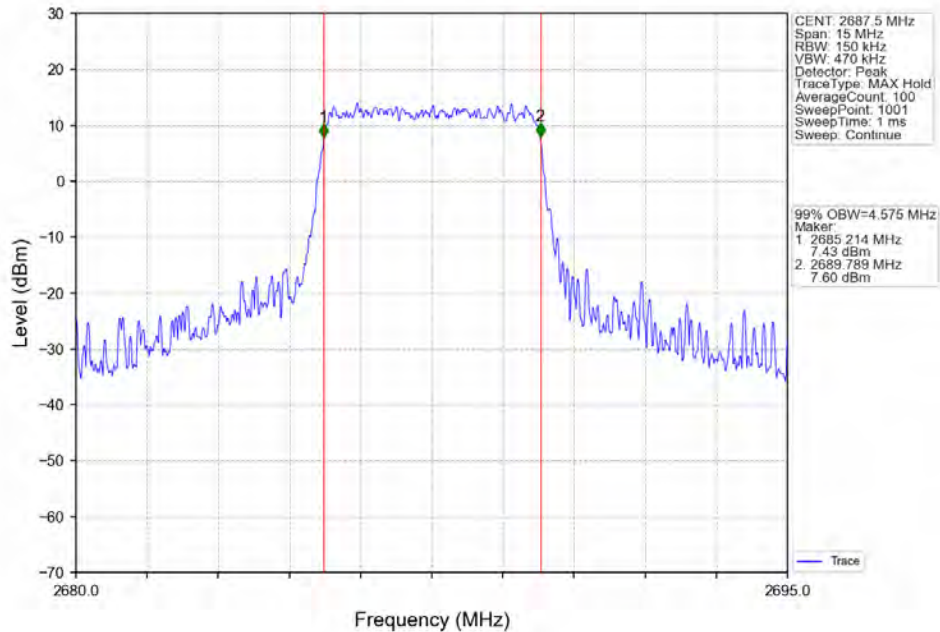
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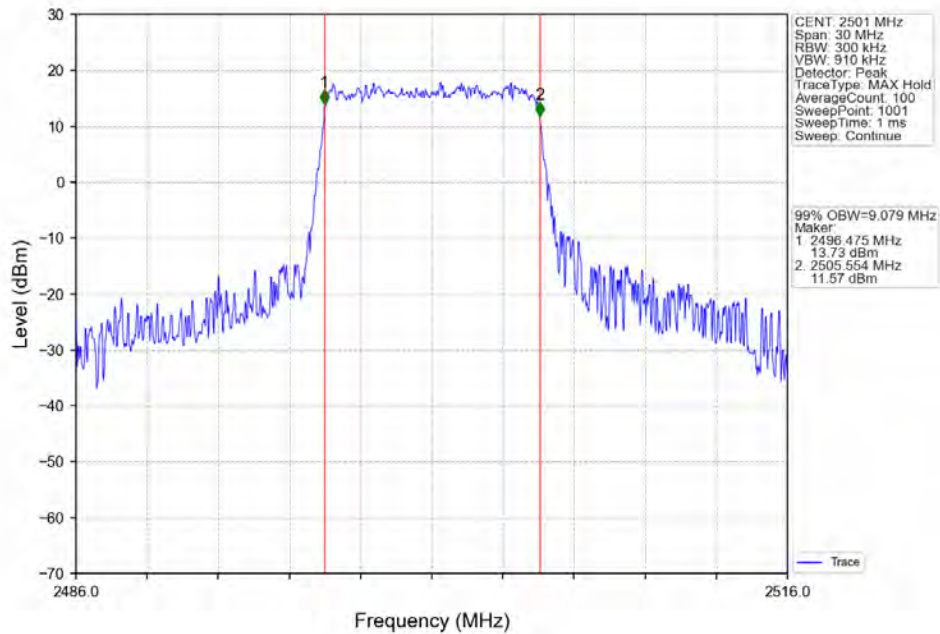
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Rev.: 01

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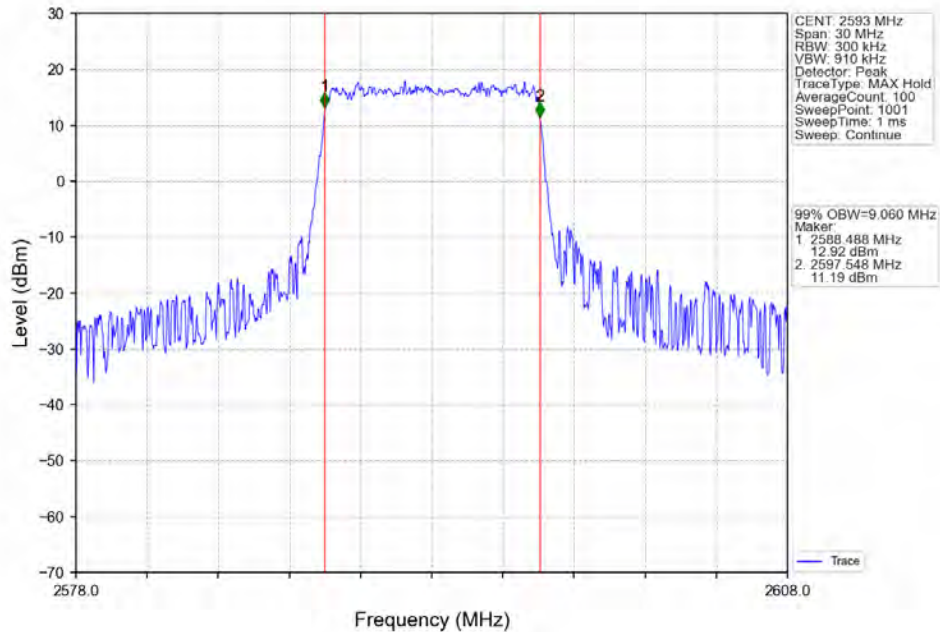
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Rev.: 01

Page: 27 of 219



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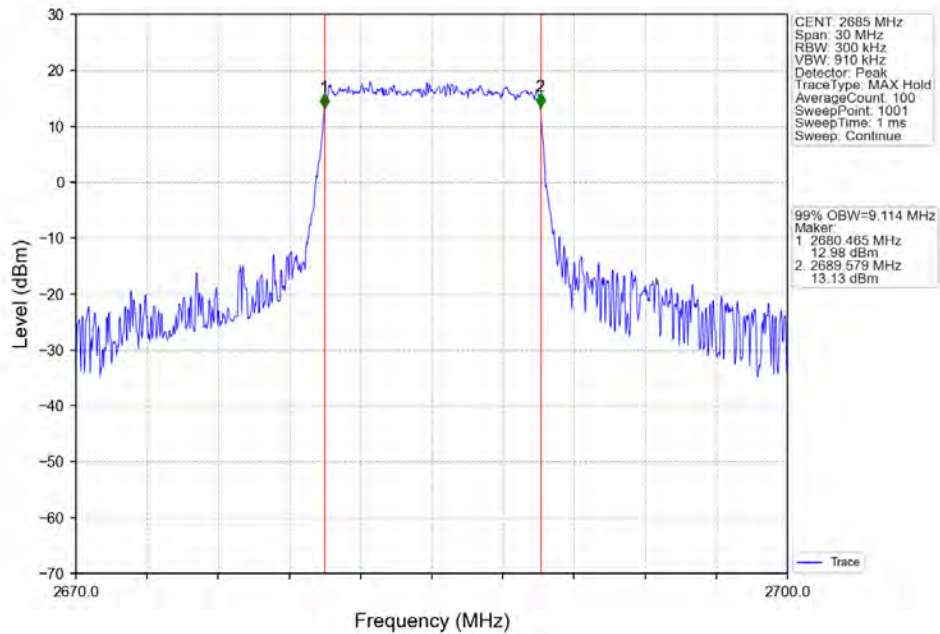
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Report No.: SUCR240400009001

Rev.: 01

Page: 28 of 219

Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



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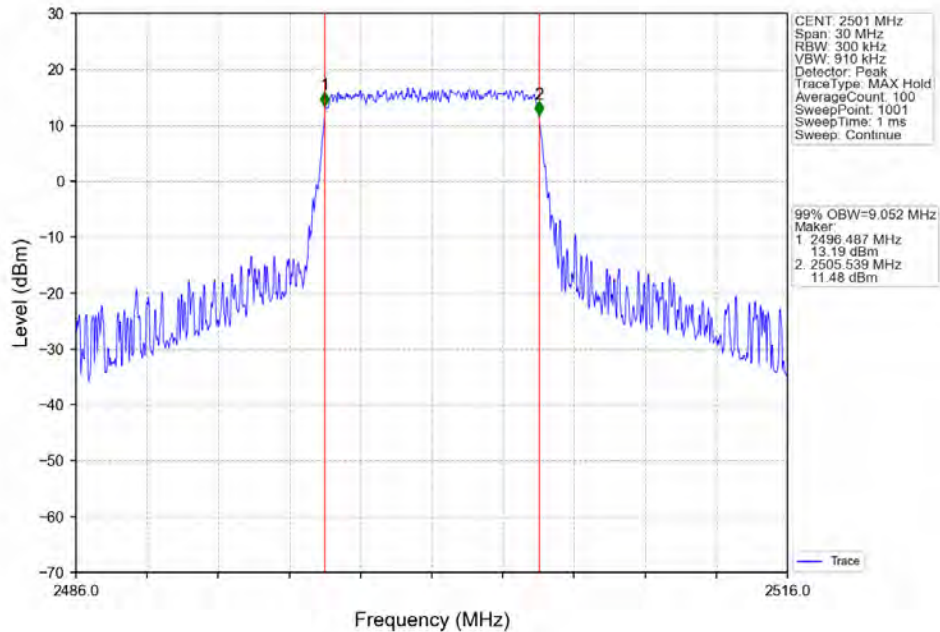
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Report No.: SUCR240400009001

Rev.: 01

Page: 29 of 219



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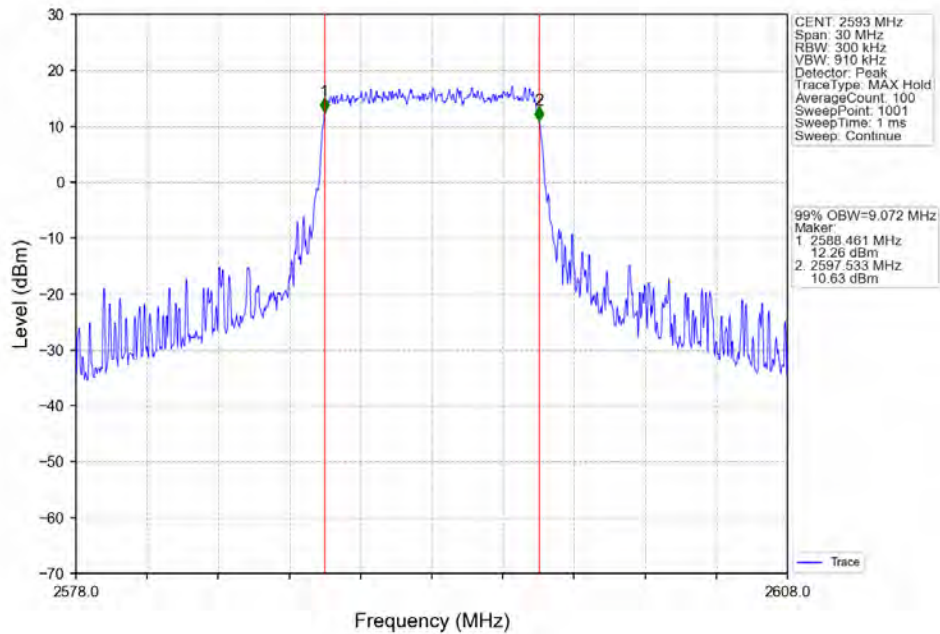
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Report No.: SUCR240400009001

Rev.: 01

Page: 30 of 219

Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTNV



Band41 10MHz 16QAM HCH 2685MHz RB 50 0 NTNV



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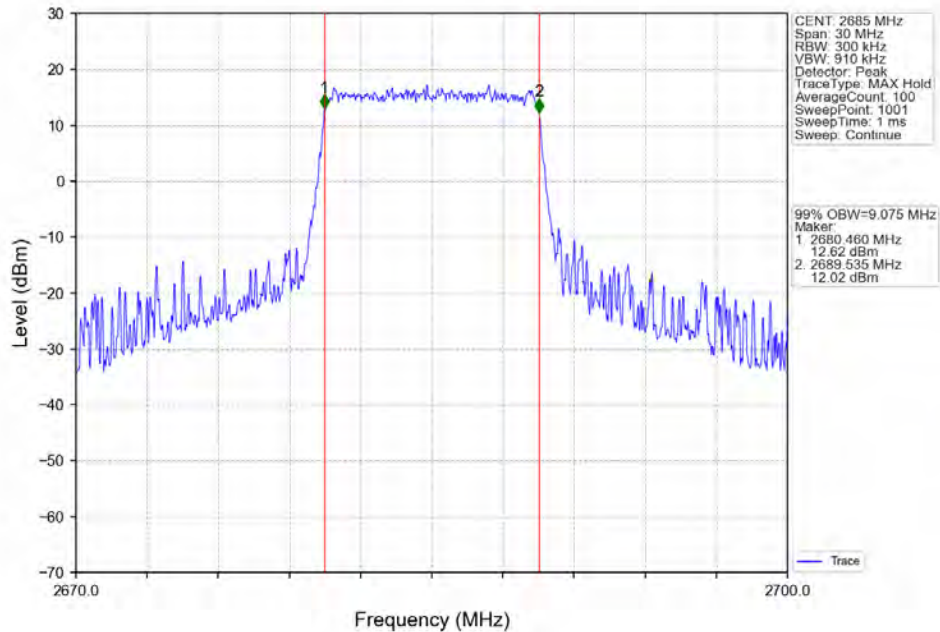
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Report No.: SUCR240400009001

Rev.: 01

Page: 31 of 219



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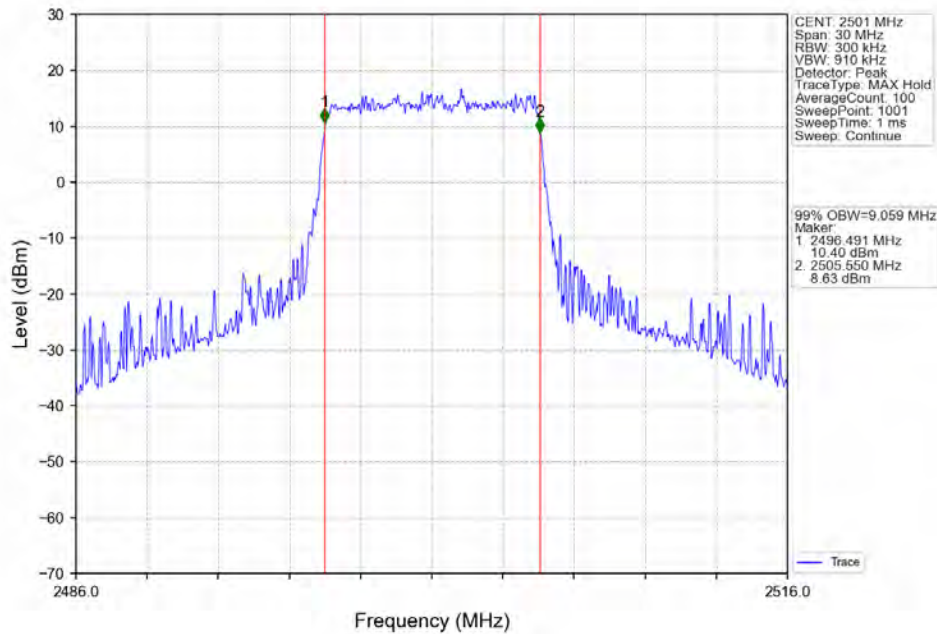
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Report No.: SUCR240400009001

Rev.: 01

Page: 32 of 219

Band41 10MHz 64QAM LCH 2501MHz RB 50 0 NTN



Band41 10MHz 64QAM MCH 2593MHz RB 50 0 NTN



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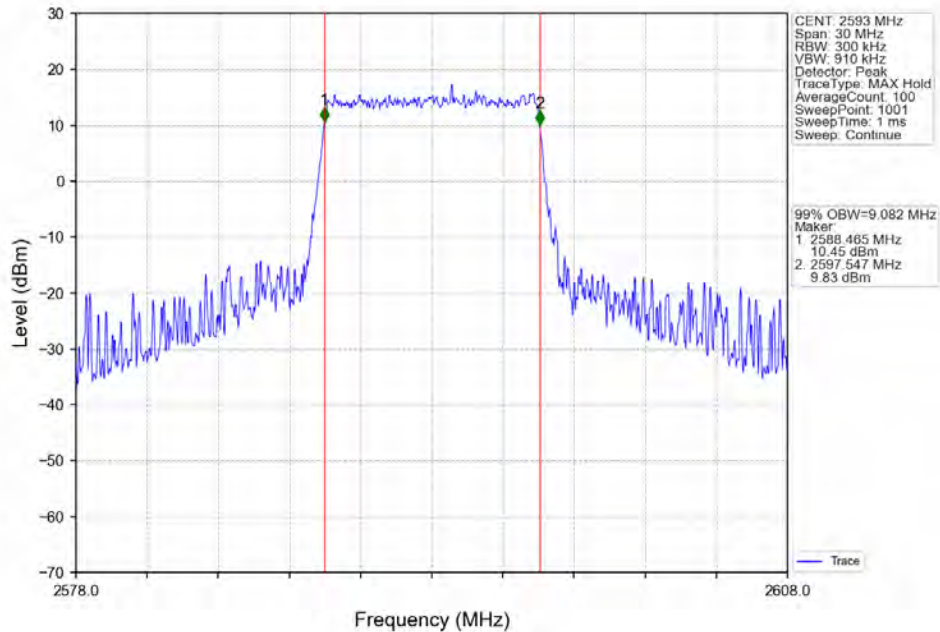
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Page: 33 of 219



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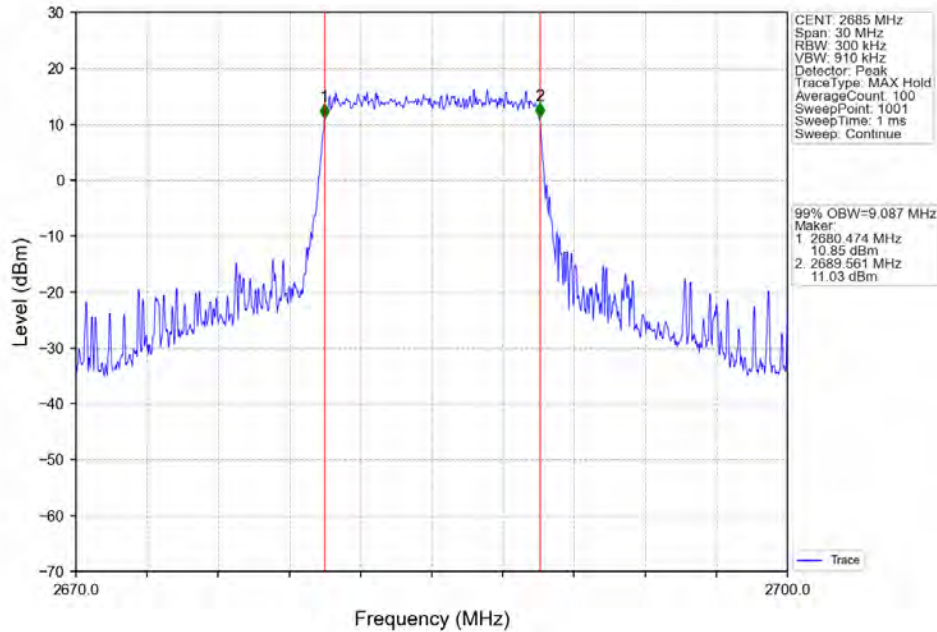
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Band41 10MHz 64QAM HCH 2685MHz RB 50 0 NTN



Band41 10MHz 256QAM LCH 2501MHz RB 50 0 NTN



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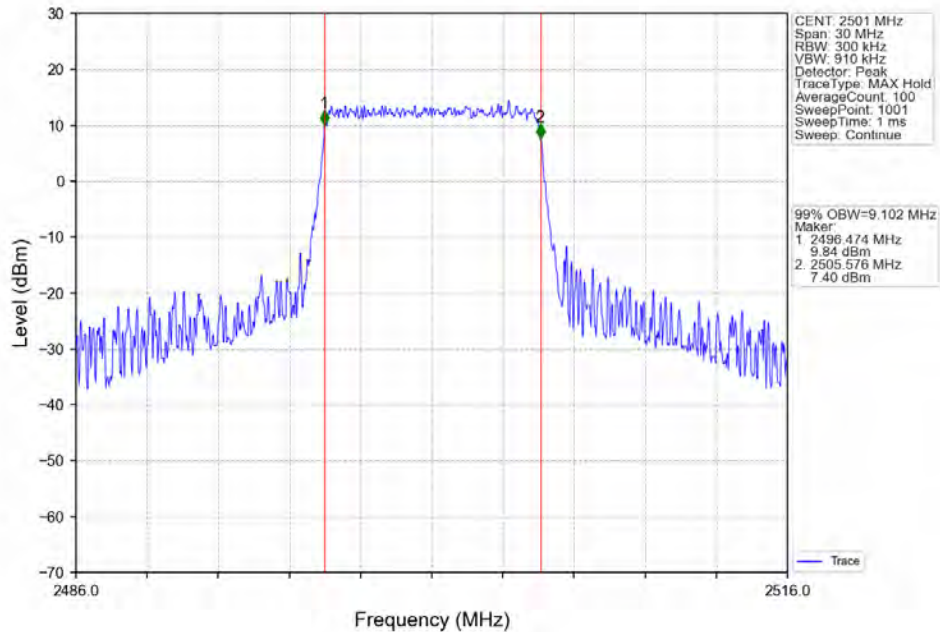
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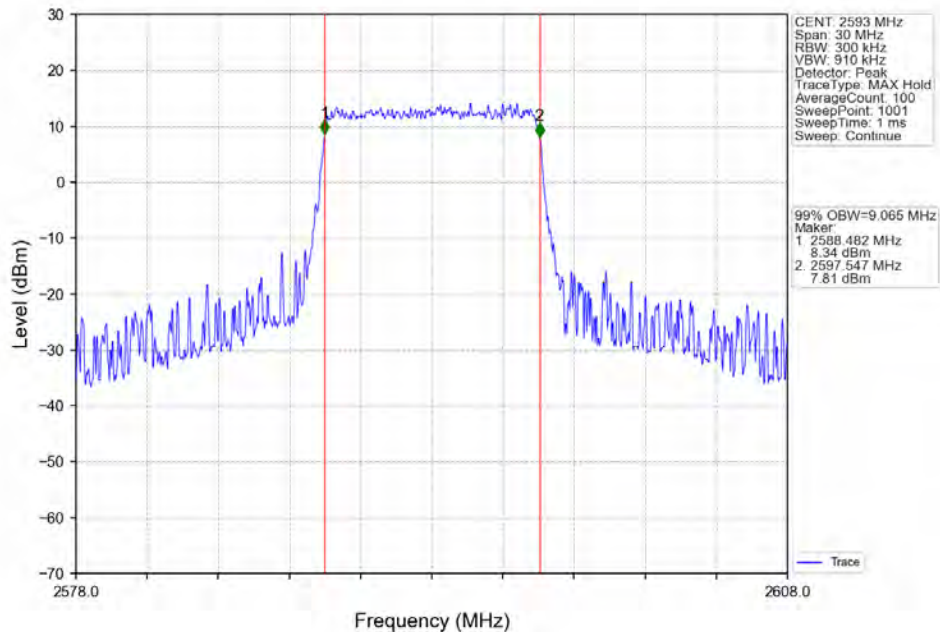
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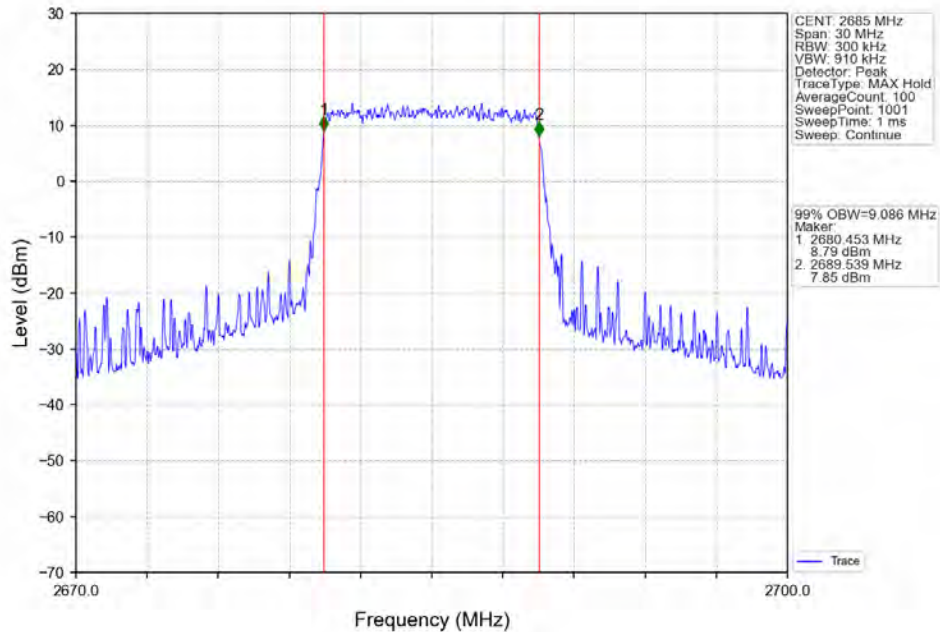
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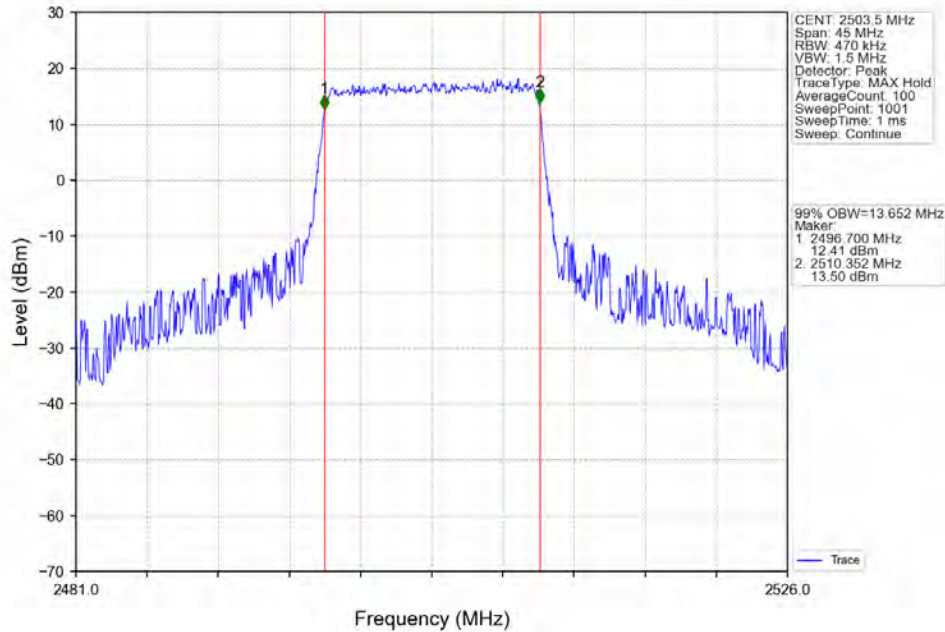
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Rev.: 01

Page: 38 of 219

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Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



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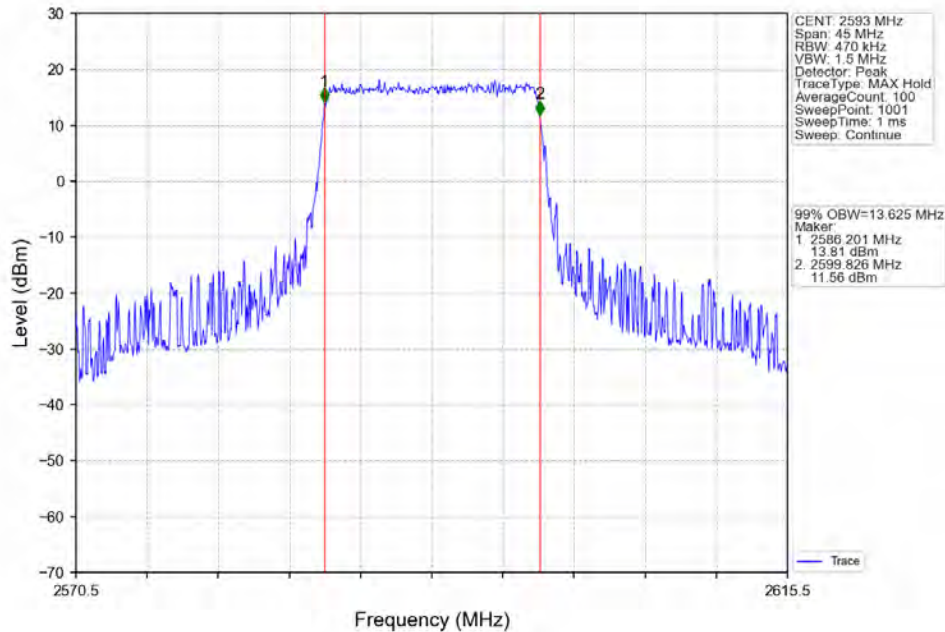
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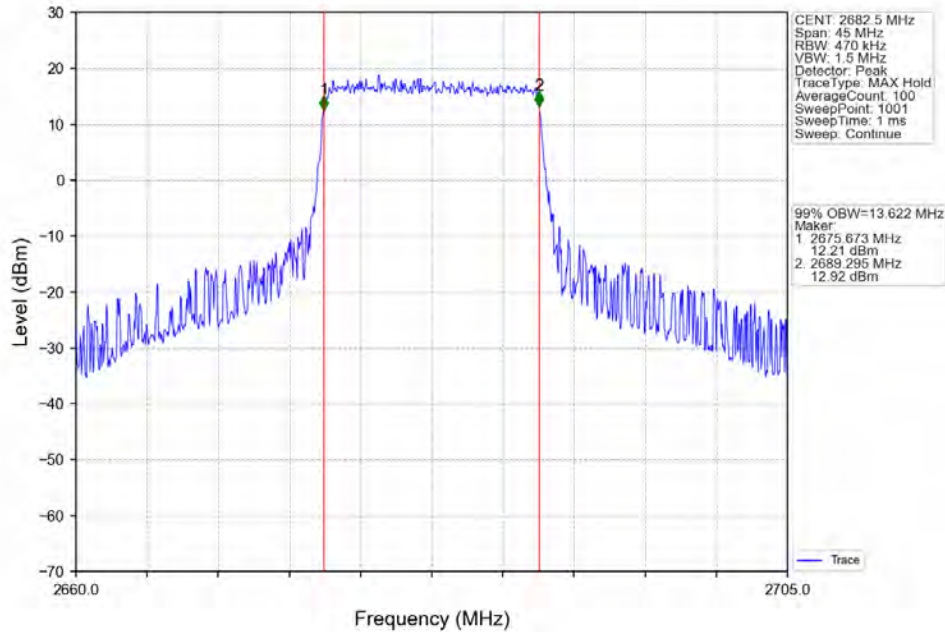
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Report No.: SUCR240400009001

Rev.: 01

Page: 40 of 219

Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



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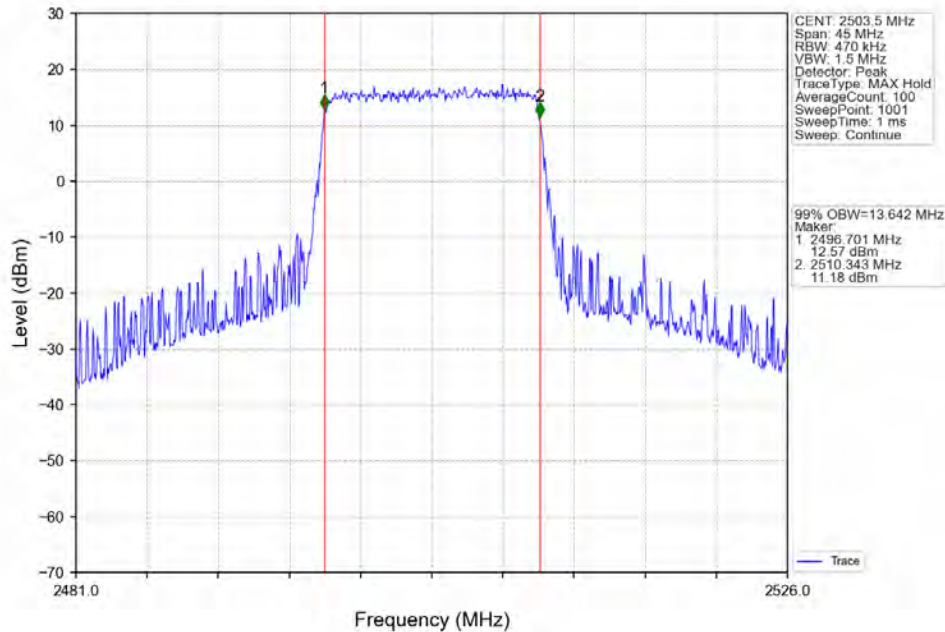
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Report No.: SUCR240400009001

Rev.: 01

Page: 41 of 219



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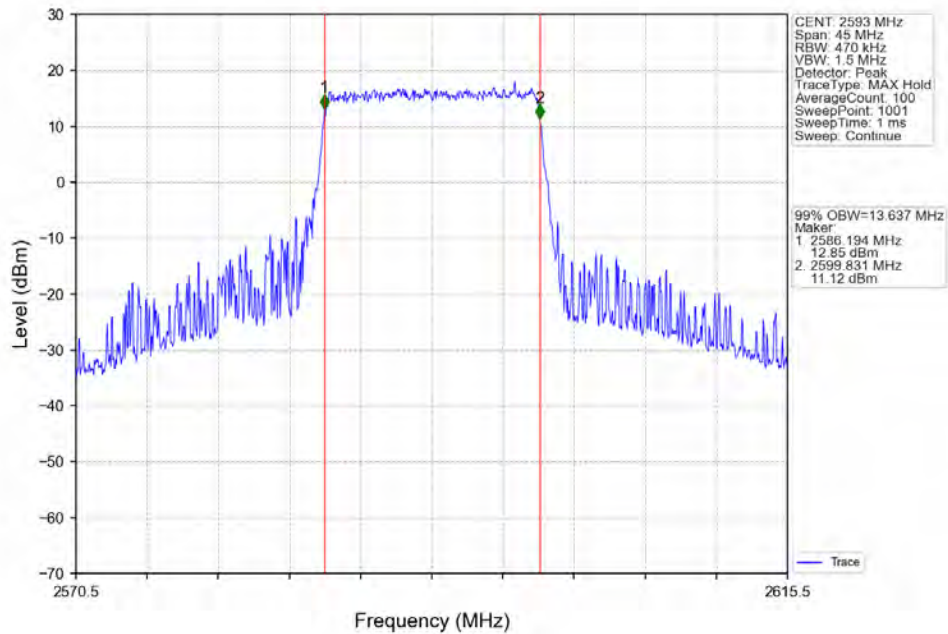
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Report No.: SUCR240400009001

Rev.: 01

Page: 42 of 219

Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



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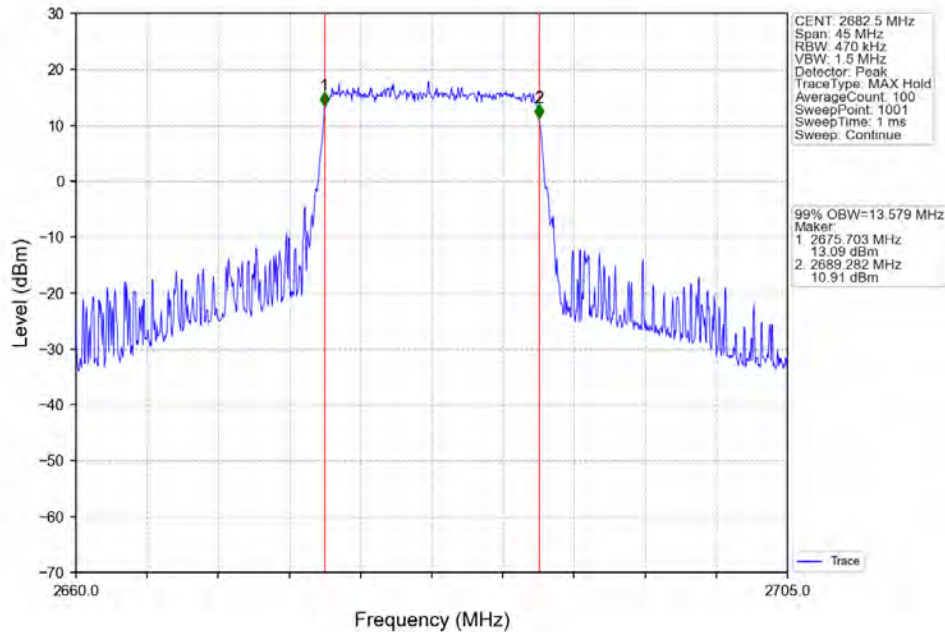
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Rev.: 01

Page: 43 of 219



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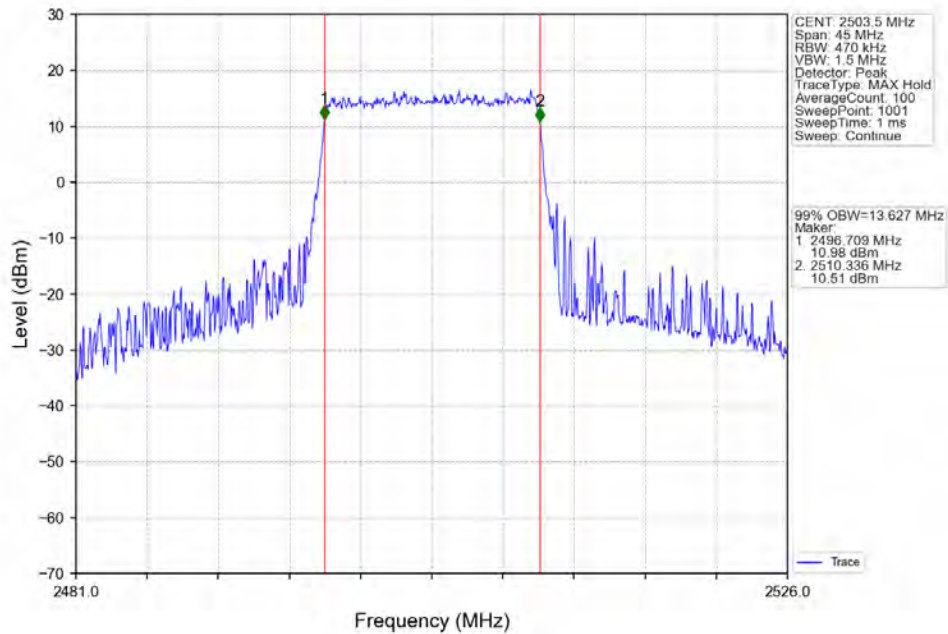
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Report No.: SUCR240400009001

Rev.: 01

Page: 44 of 219

Band41_15MHz_64QAM_LCH_2503.5MHz_RB_75_0_NTNV



Band41_15MHz_64QAM_MCH_2593MHz_RB_75_0_NTNV



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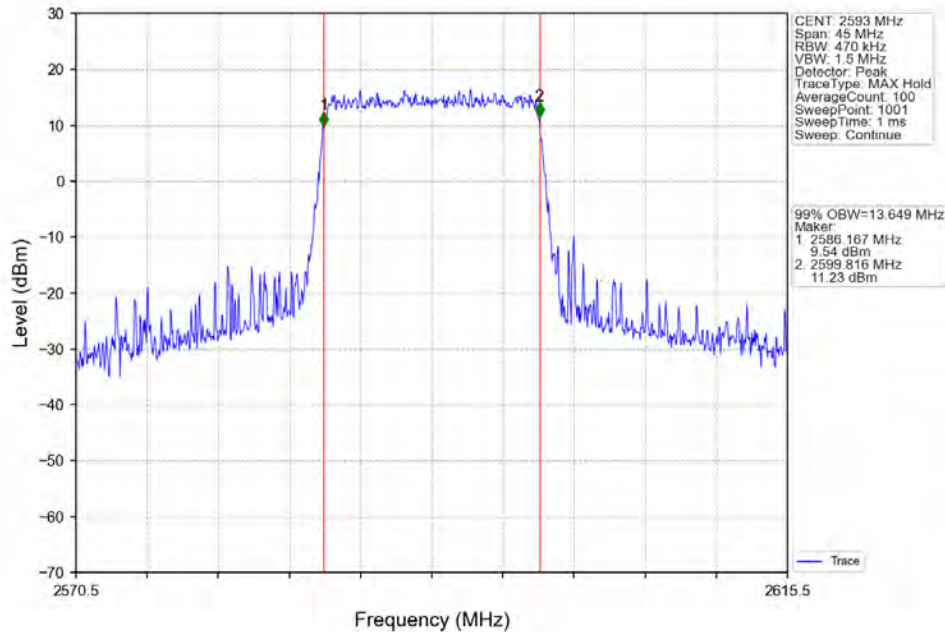
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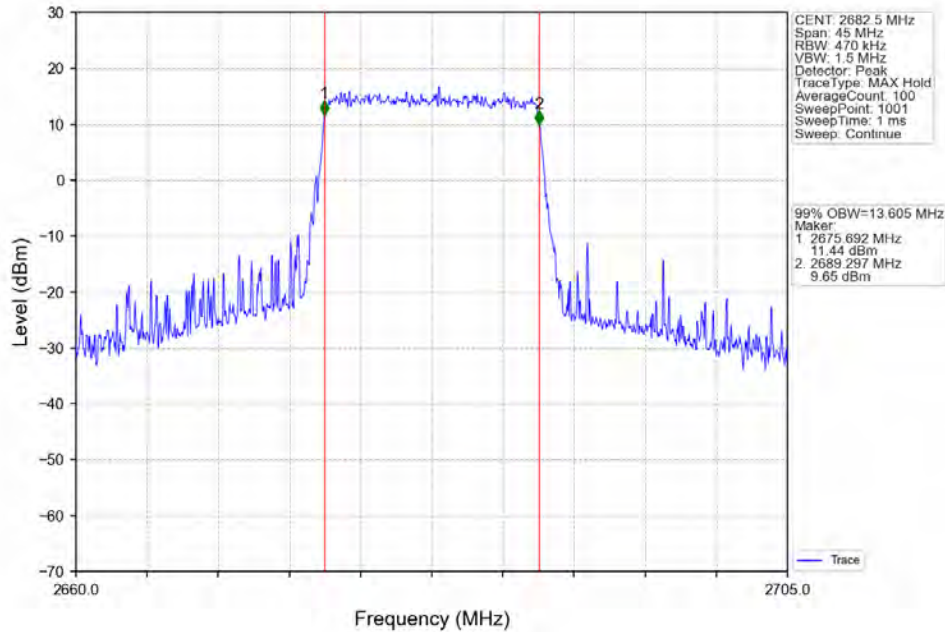
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Report No.: SUCR240400009001

Rev.: 01

Page: 46 of 219

Band41_15MHz_64QAM_HCH_2682.5MHz_RB_75_0_NTNV



Band41_15MHz_256QAM_LCH_2503.5MHz_RB_75_0_NTNV



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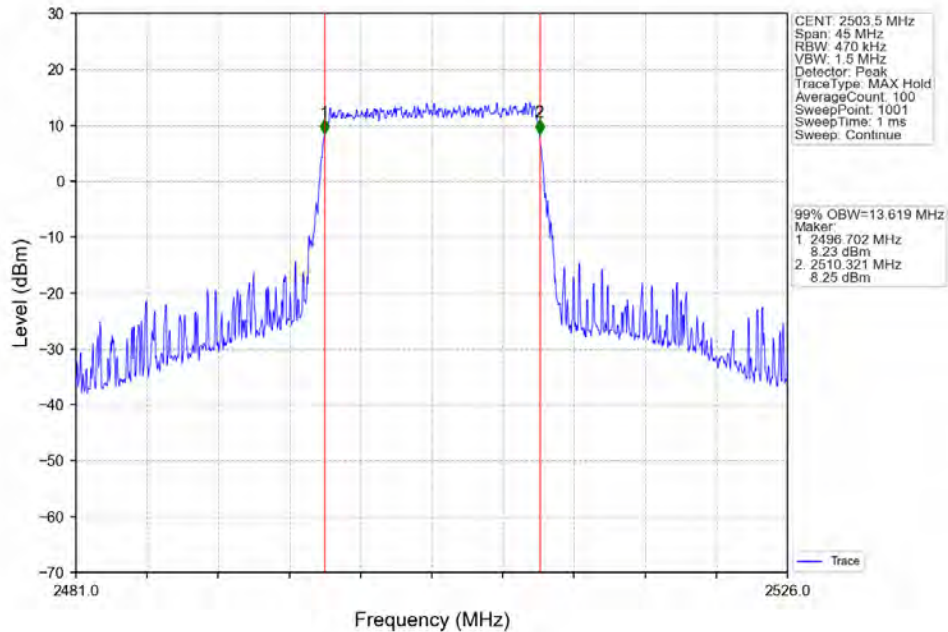
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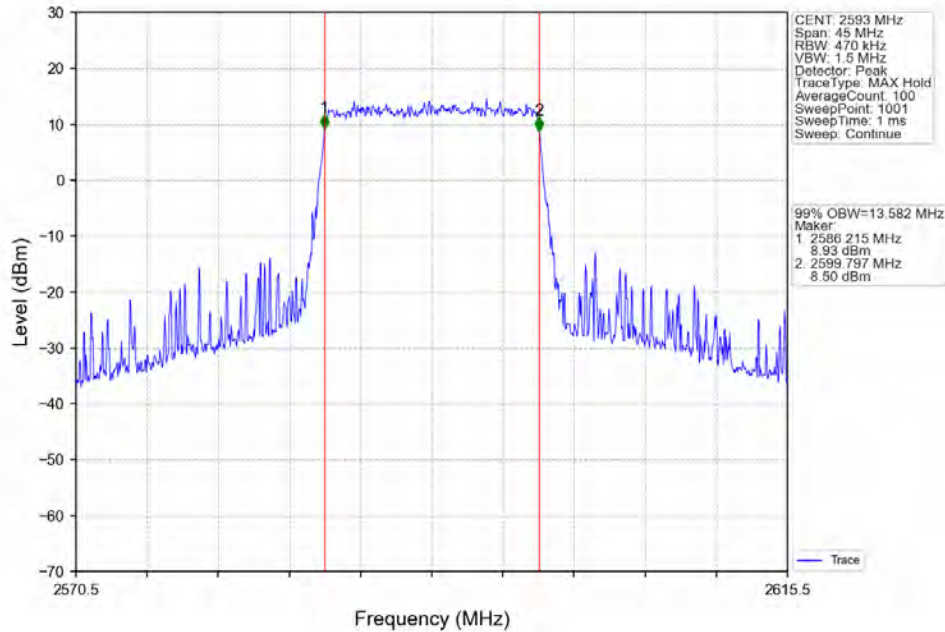
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Page: 48 of 219

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Band41_15MHz_256QAM_HCH_2682.5MHz_RB_75_0_NTNV



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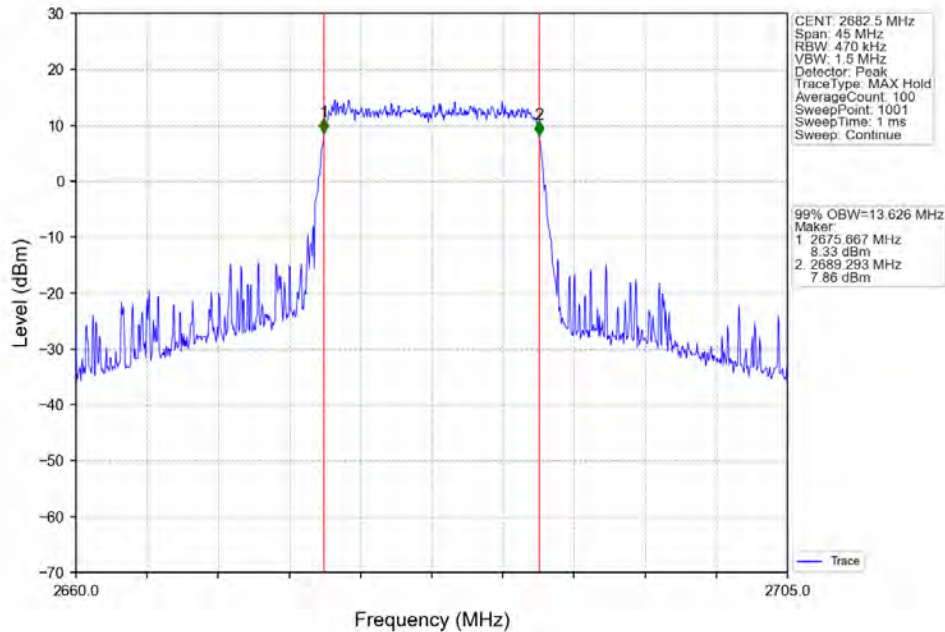
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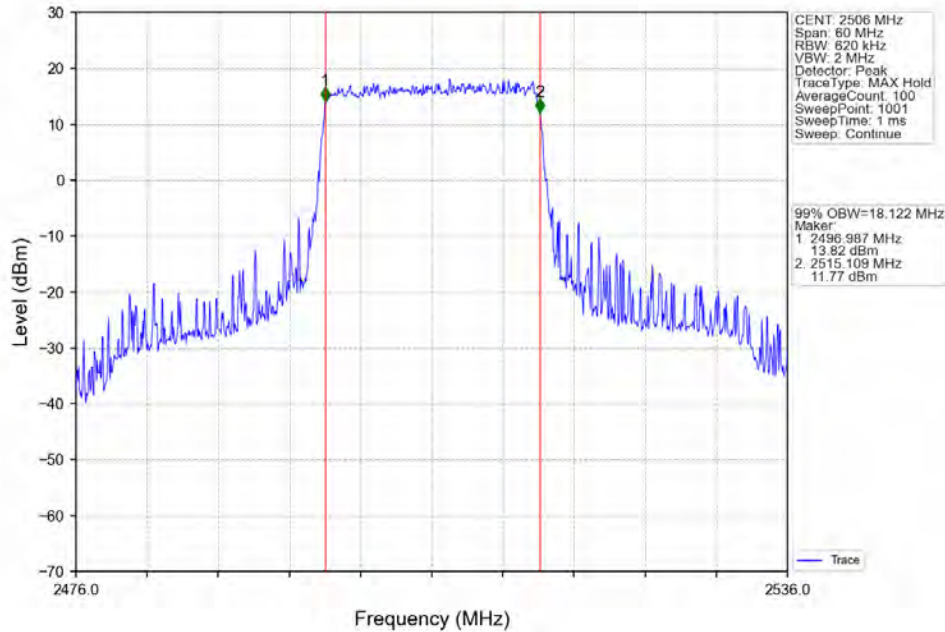
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Rev.: 01

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Band41 20MHz QPSK LCH 2506MHz RB 100 0 NTN



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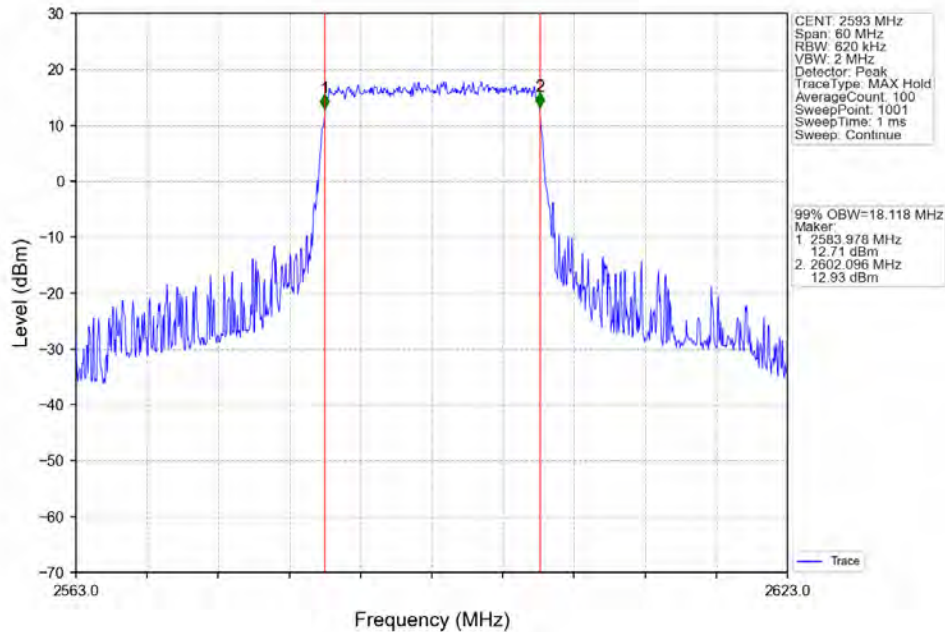
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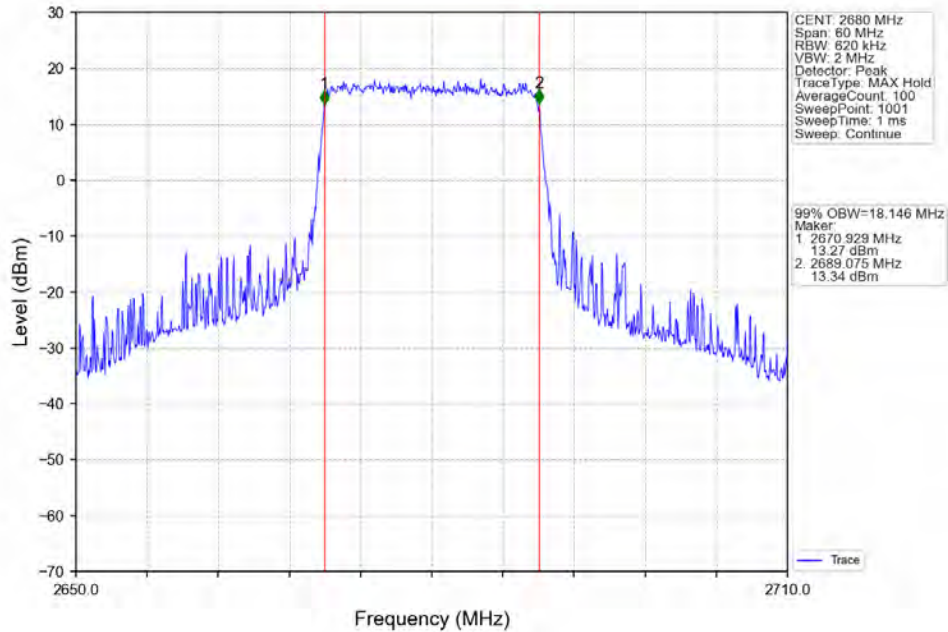
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Rev.: 01

Page: 52 of 219

Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTN



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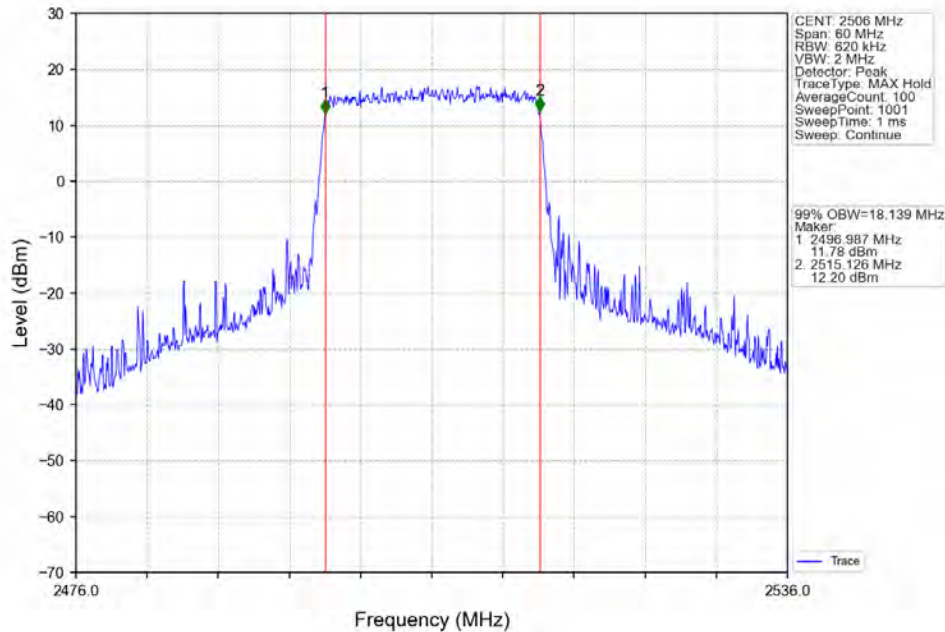
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Rev.: 01

Page: 53 of 219



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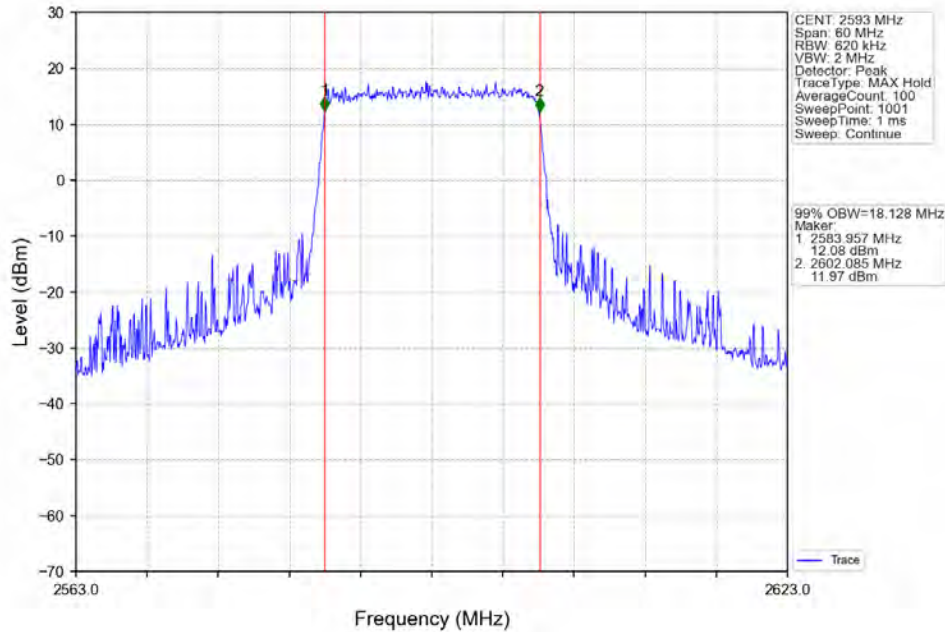
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Report No.: SUCR240400009001

Rev.: 01

Page: 54 of 219

Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



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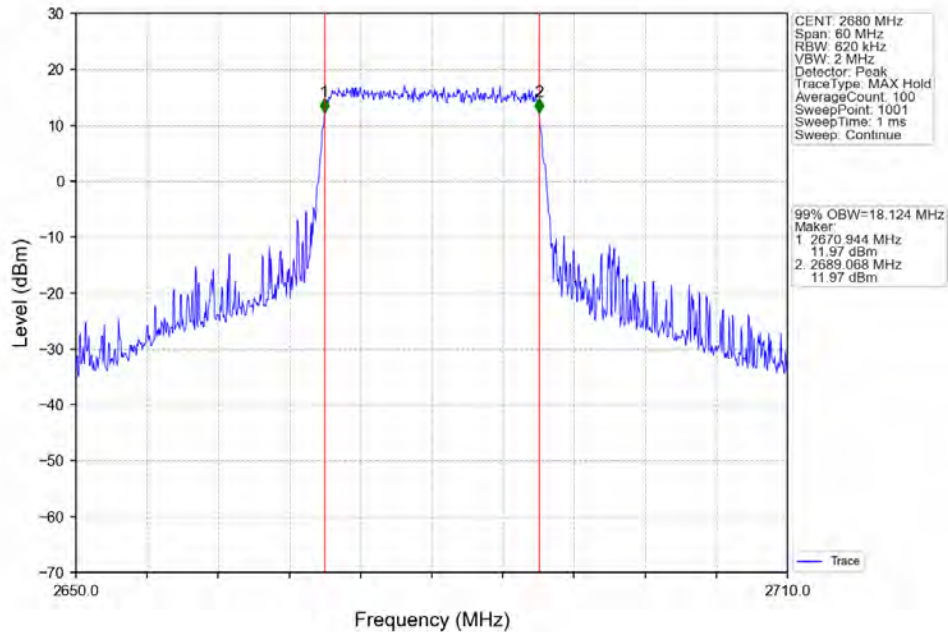
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Rev.: 01

Page: 55 of 219



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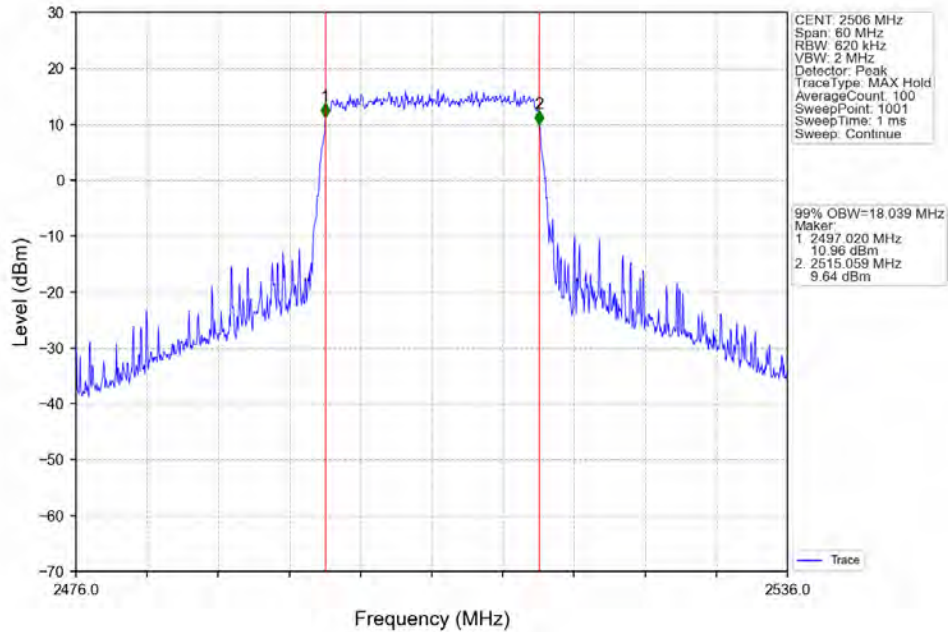
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Rev.: 01

Page: 56 of 219

Band41_20MHz_64QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV



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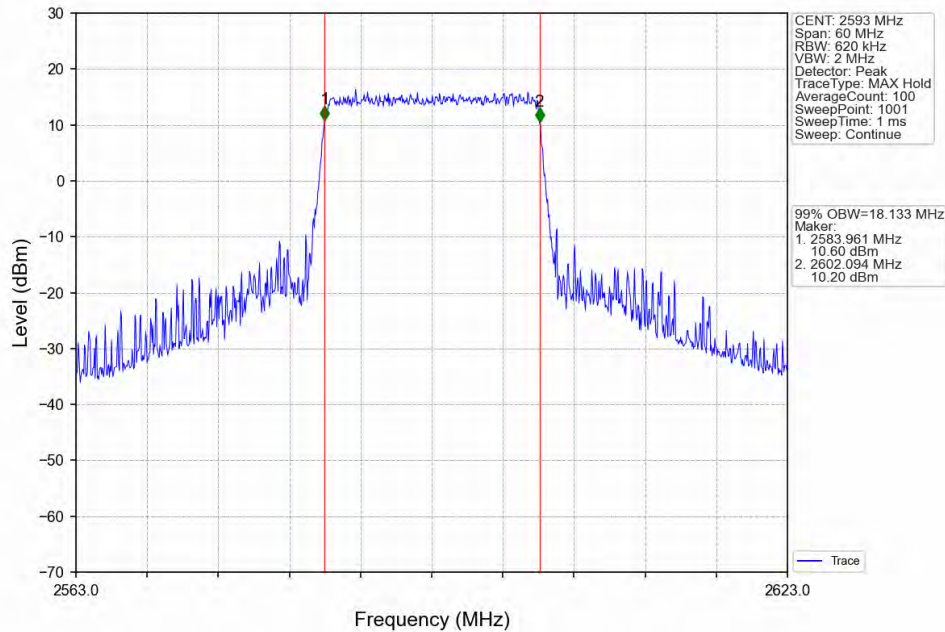
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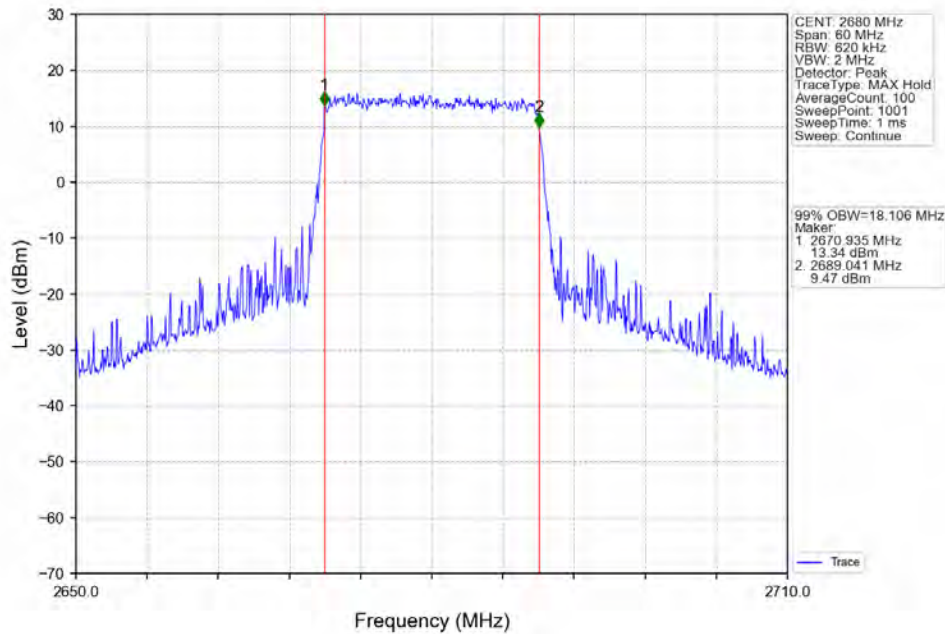
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Band41_20MHz_256QAM_LCH_2506MHz_RB_100_0_NTNV



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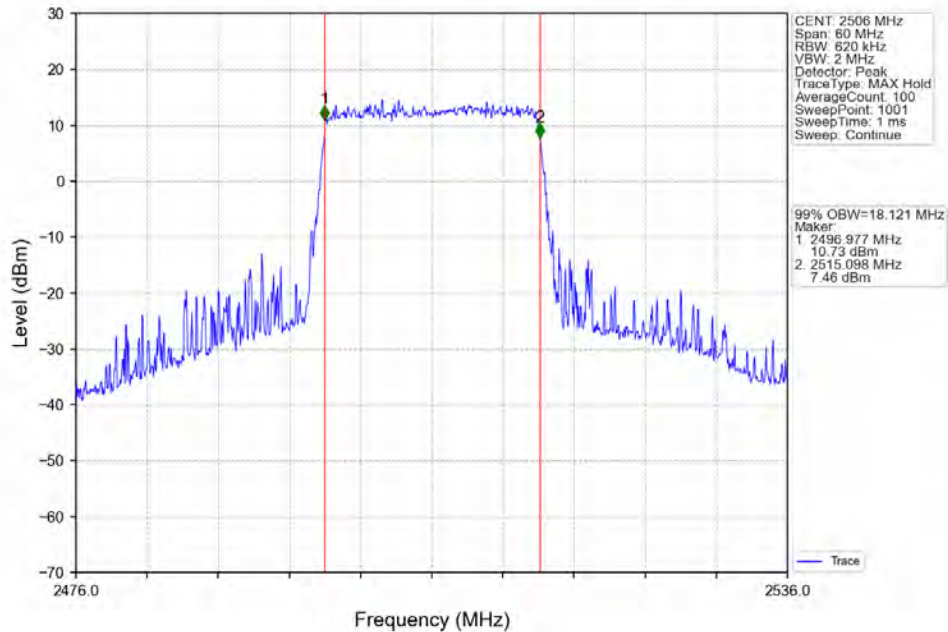
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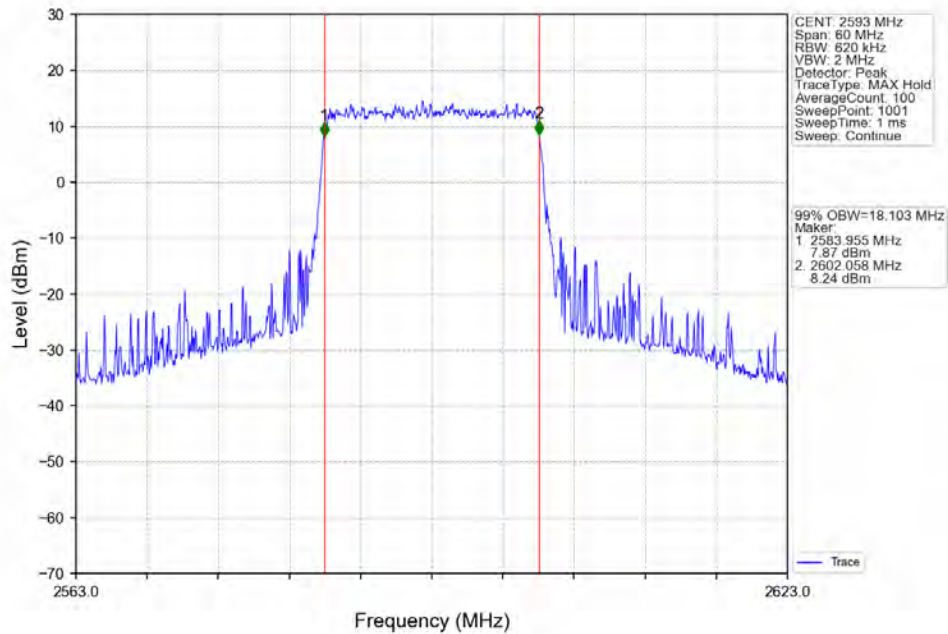
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Band41 20MHz 256QAM MCH 2593MHz RB 100 0 NTN



Band41 20MHz 256QAM HCH 2680MHz RB 100 0 NTN



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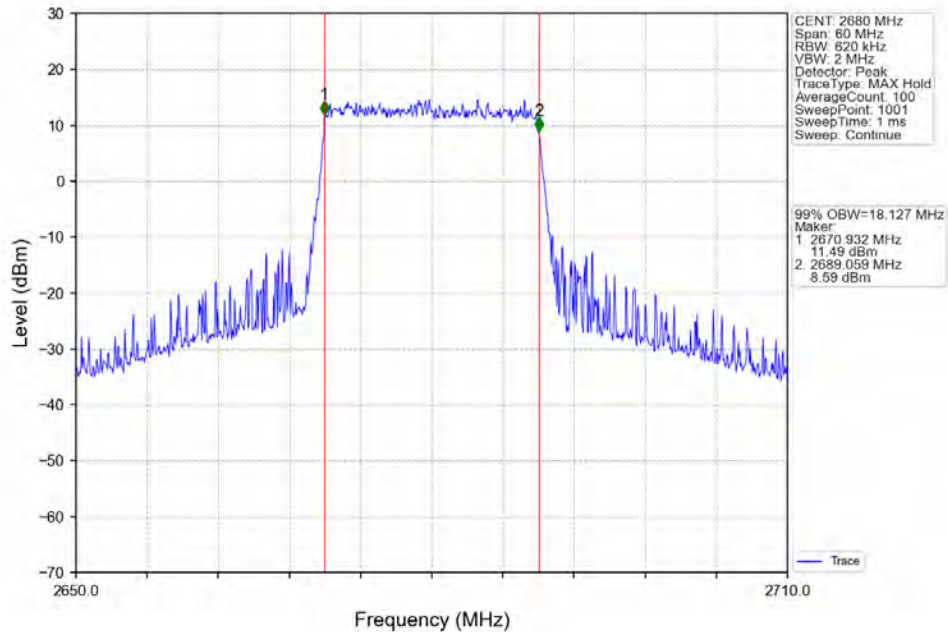
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Report No.: SUCR240400009001
Rev.: 01
Page: 62 of 219

4.2 Band41_XDB

4.2.1 Test Result

Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2498.5	25	0	5.565	/	Pass
		2593	25	0	5.406	/	Pass
		2687.5	25	0	5.356	/	Pass
	16QAM	2498.5	25	0	5.206	/	Pass
		2593	25	0	5.585	/	Pass
		2687.5	25	0	5.415	/	Pass
	64QAM	2498.5	25	0	5.205	/	Pass
		2593	25	0	5.487	/	Pass
		2687.5	25	0	5.799	/	Pass
	256QAM	2498.5	25	0	5.252	/	Pass
		2593	25	0	5.241	/	Pass
		2687.5	25	0	5.280	/	Pass
10	QPSK	2501	50	0	10.279	/	Pass
		2593	50	0	10.160	/	Pass
		2685	50	0	10.240	/	Pass
	16QAM	2501	50	0	10.647	/	Pass
		2593	50	0	11.069	/	Pass
		2685	50	0	10.519	/	Pass
	64QAM	2501	50	0	10.272	/	Pass
		2593	50	0	10.292	/	Pass
		2685	50	0	10.406	/	Pass
	256QAM	2501	50	0	10.281	/	Pass
		2593	50	0	10.241	/	Pass
		2685	50	0	10.251	/	Pass
15	QPSK	2503.5	75	0	15.369	/	Pass
		2593	75	0	15.840	/	Pass
		2682.5	75	0	15.360	/	Pass
	16QAM	2503.5	75	0	15.323	/	Pass
		2593	75	0	16.609	/	Pass
		2682.5	75	0	15.811	/	Pass
	64QAM	2503.5	75	0	16.077	/	Pass
		2593	75	0	15.041	/	Pass
		2682.5	75	0	15.210	/	Pass
	256QAM	2503.5	75	0	15.486	/	Pass
		2593	75	0	15.219	/	Pass
		2682.5	75	0	15.442	/	Pass
20	QPSK	2506	100	0	23.661	/	Pass
		2593	100	0	20.318	/	Pass
		2680	100	0	20.987	/	Pass



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Report No.: SUCR240400009001

Rev.: 01

Page: 63 of 219

	16QAM	2506	100	0	20.755	/	Pass
		2593	100	0	20.626	/	Pass
		2680	100	0	21.376	/	Pass
	64QAM	2506	100	0	20.238	/	Pass
		2593	100	0	20.630	/	Pass
		2680	100	0	24.080	/	Pass
	256QAM	2506	100	0	20.492	/	Pass
		2593	100	0	20.866	/	Pass
		2680	100	0	20.433	/	Pass



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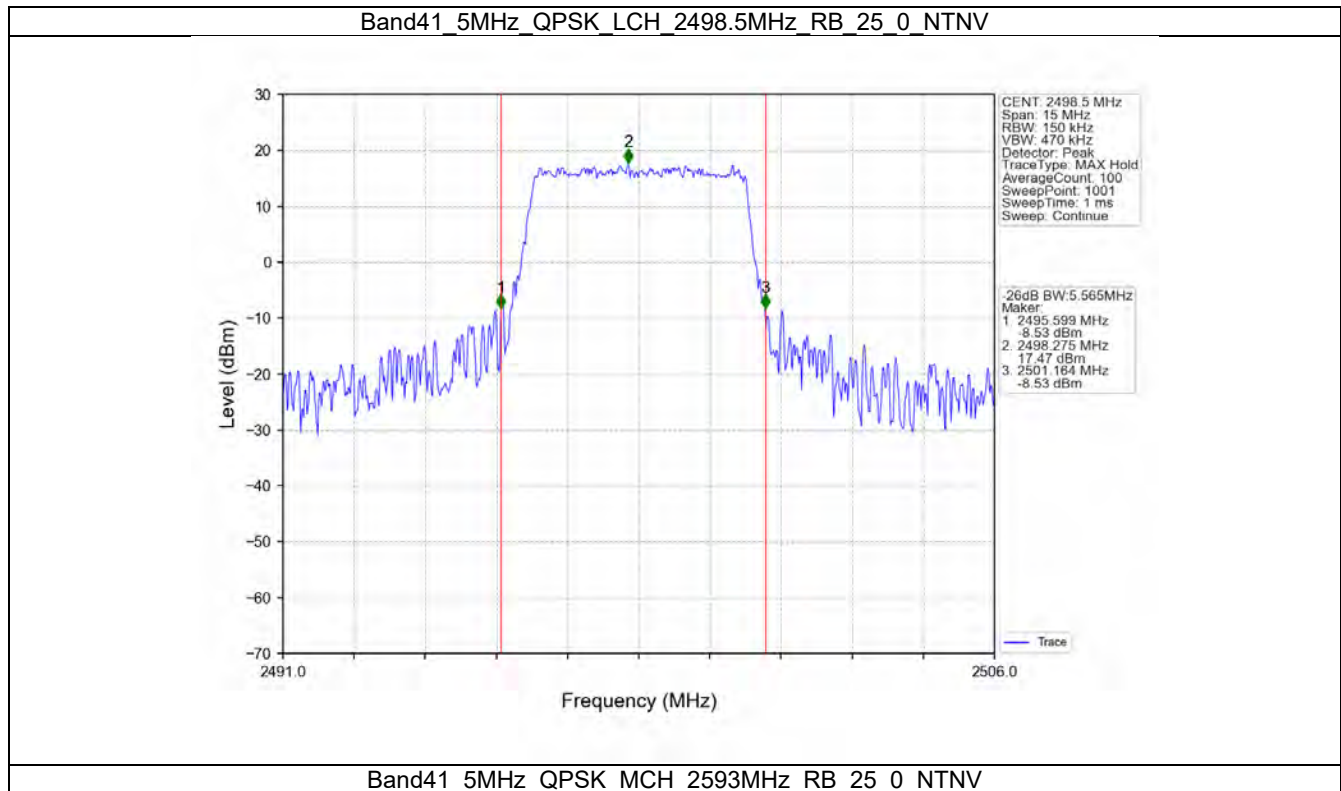
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4.2.2 Test Graph



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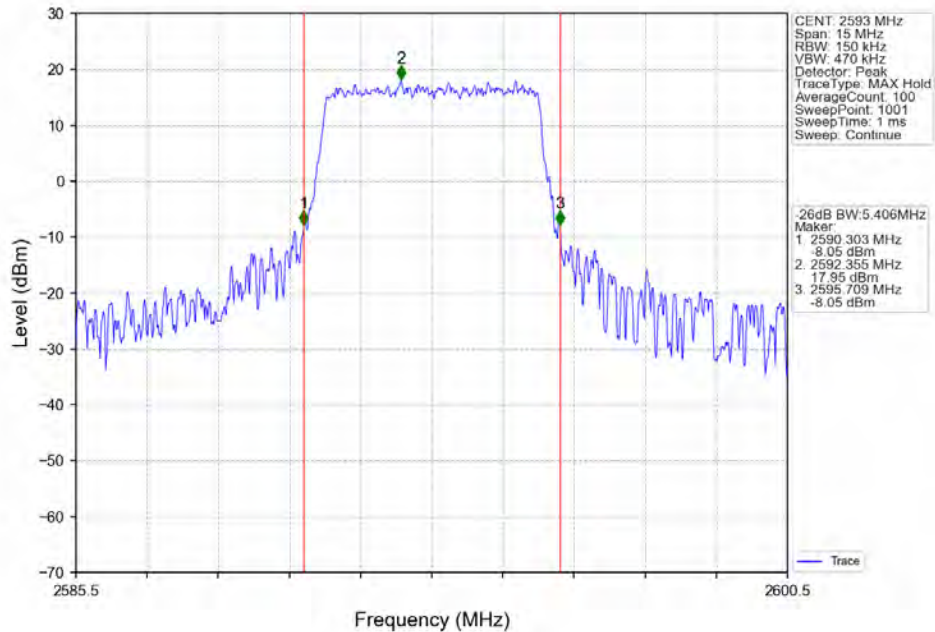
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Report No.: SUCR240400009001

Rev.: 01

Page: 65 of 219



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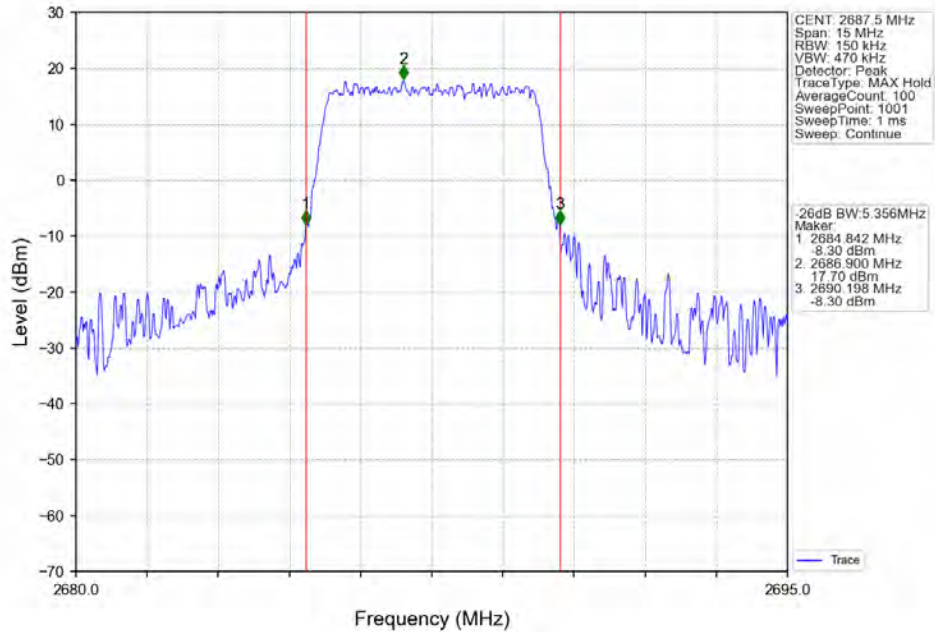
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Report No.: SUCR240400009001

Rev.: 01

Page: 66 of 219

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Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



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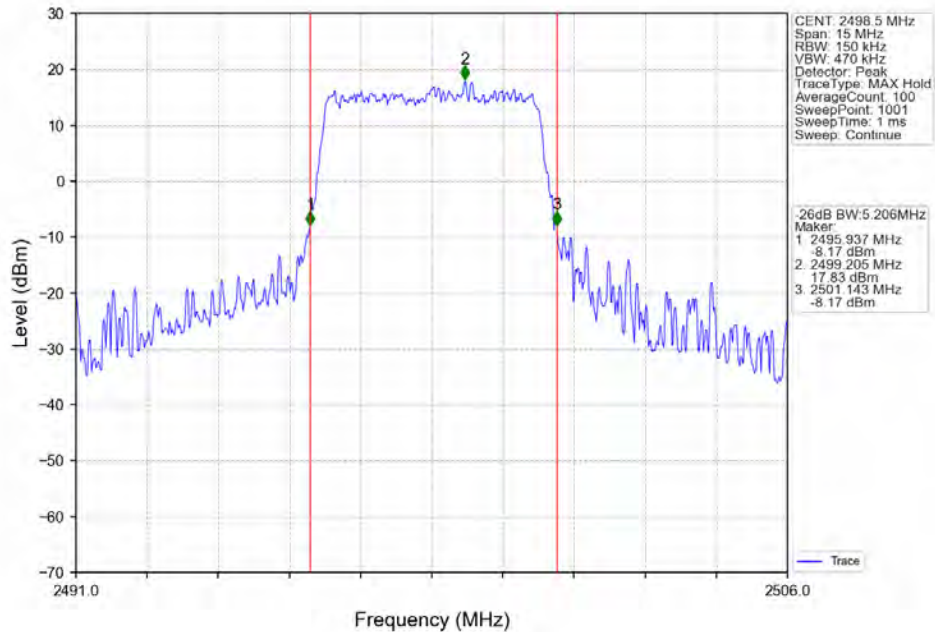
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Report No.: SUCR240400009001

Rev.: 01

Page: 67 of 219



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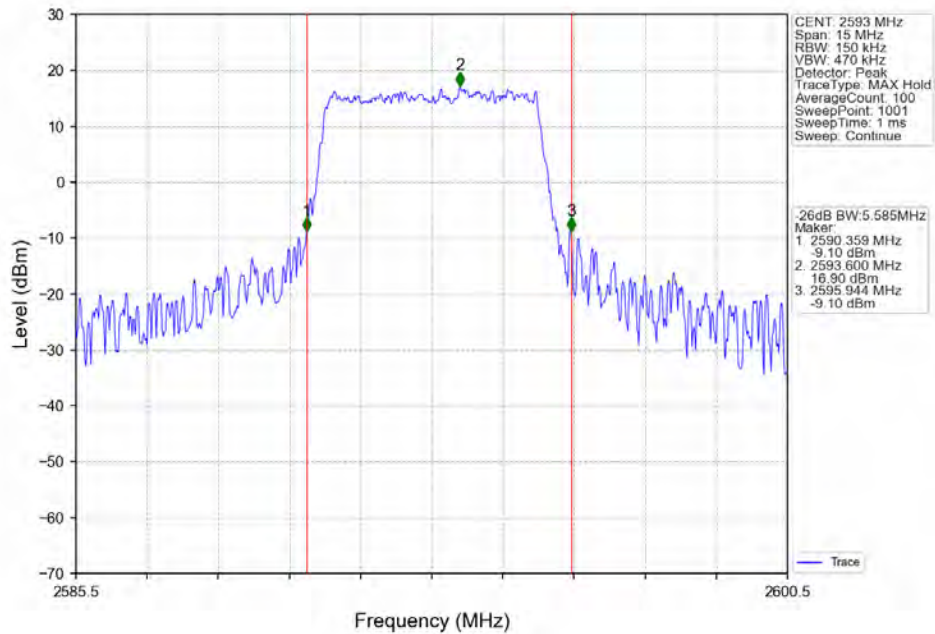
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Report No.: SUCR240400009001

Rev.: 01

Page: 68 of 219

Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



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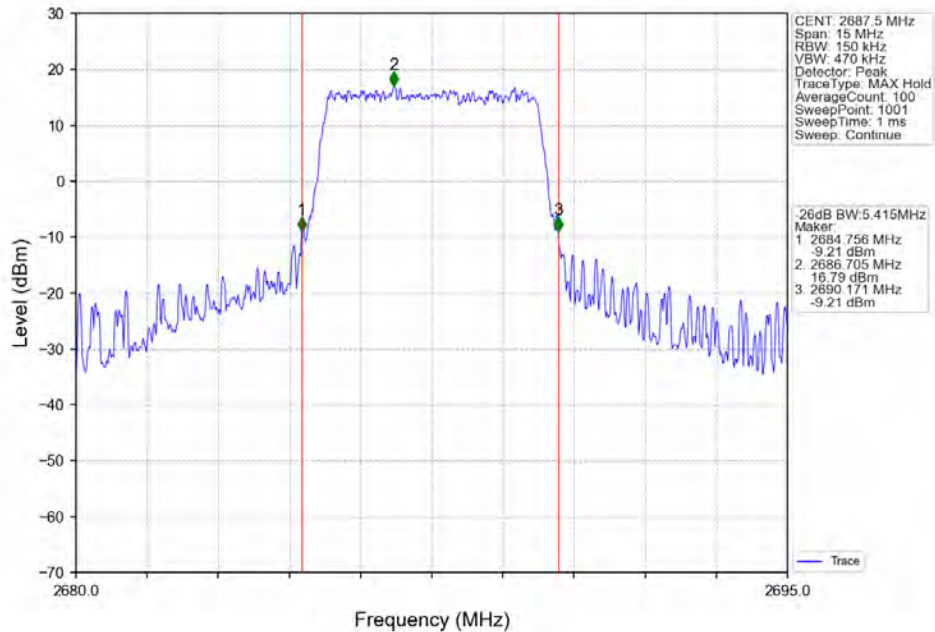
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Report No.: SUCR240400009001

Rev.: 01

Page: 69 of 219



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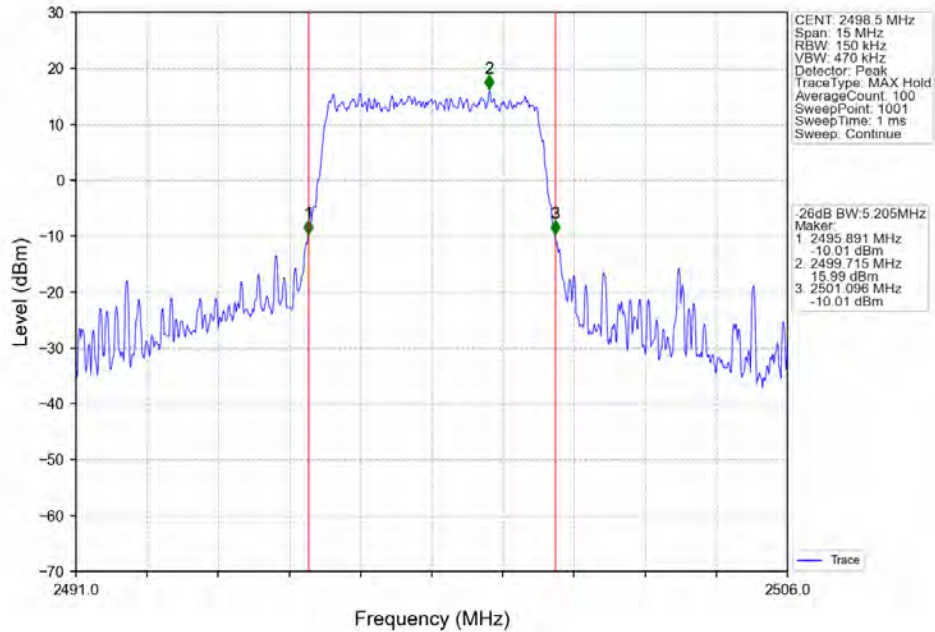
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Report No.: SUCR240400009001

Rev.: 01

Page: 70 of 219

Band41_5MHz_64QAM_LCH_2498.5MHz_RB_25_0_NTNV



Band41_5MHz_64QAM_MCH_2593MHz_RB_25_0_NTNV



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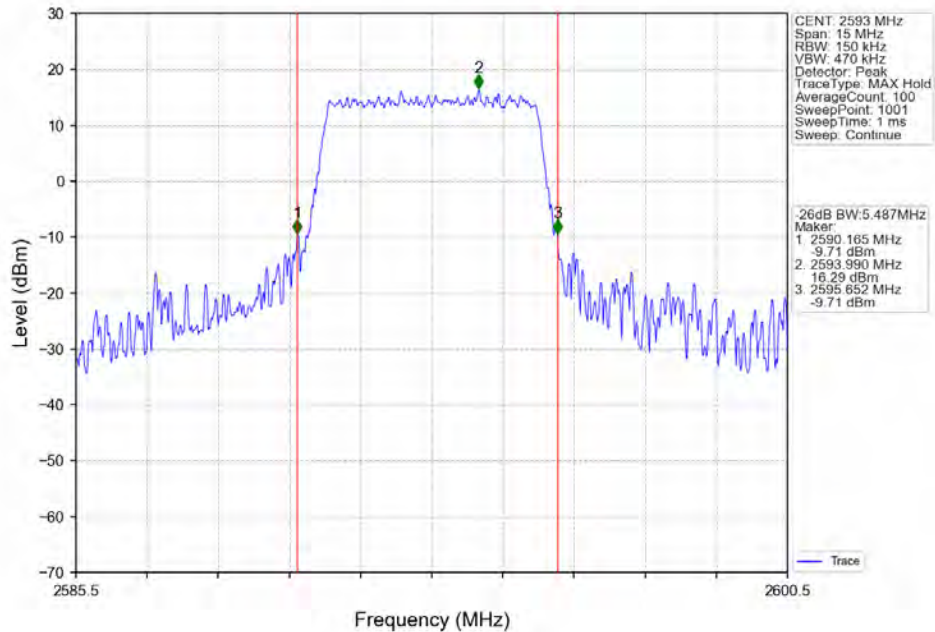
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Page: 71 of 219



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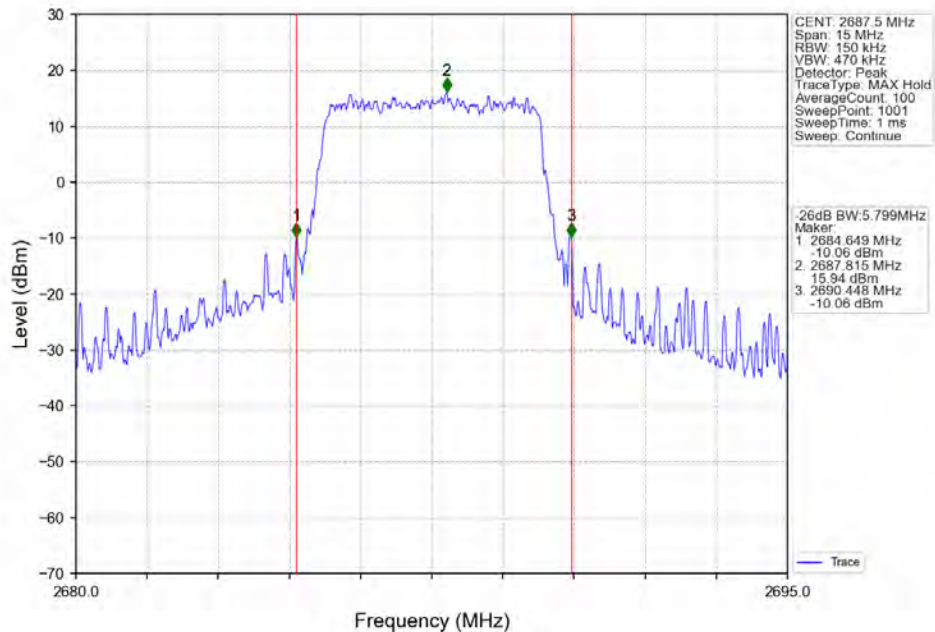
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Report No.: SUCR240400009001

Rev.: 01

Page: 72 of 219

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Band41_5MHz_256QAM_LCH_2498.5MHz_RB_25_0_NTNV



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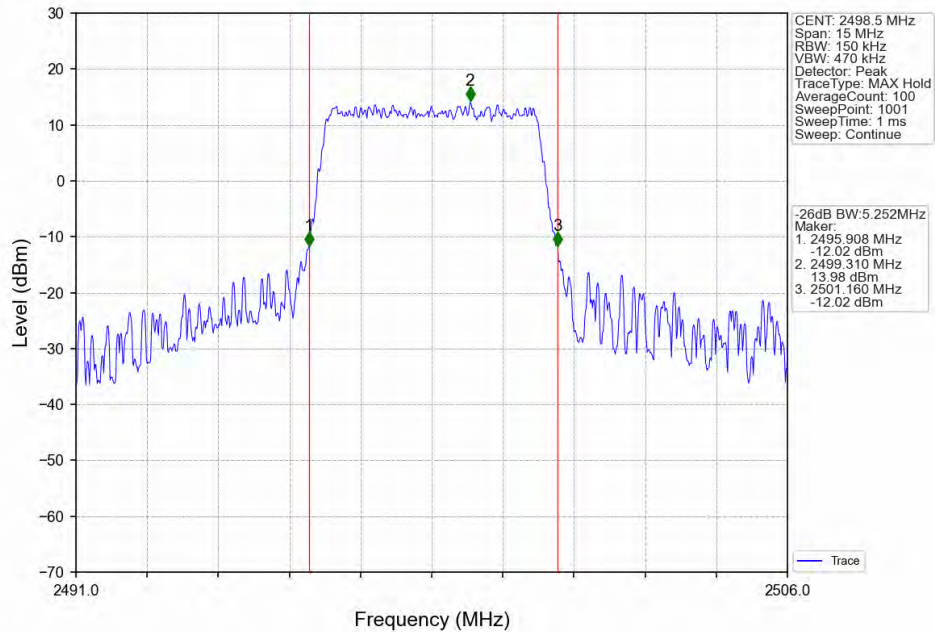
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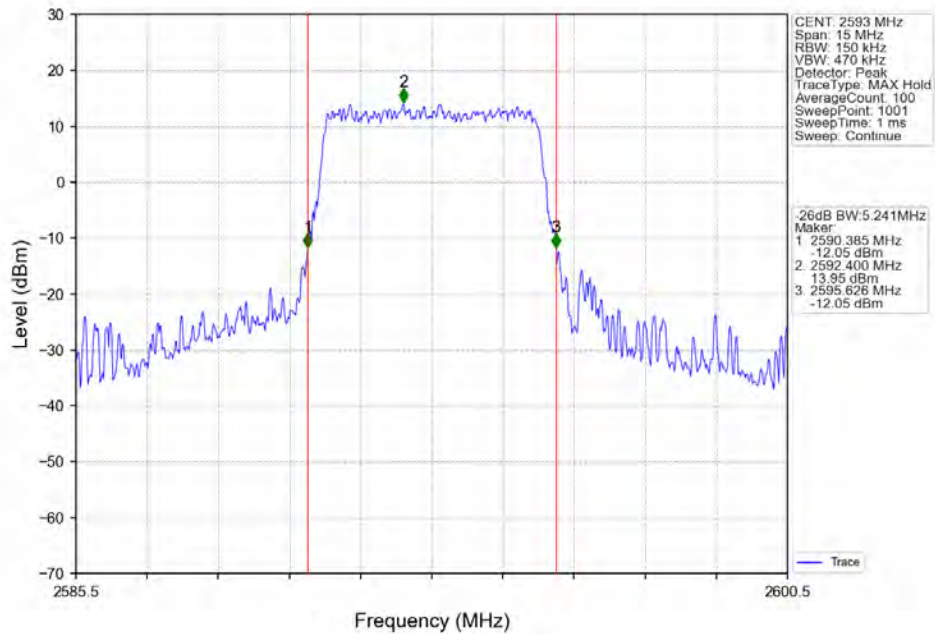
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Report No.: SUCR240400009001

Rev.: 01

Page: 74 of 219

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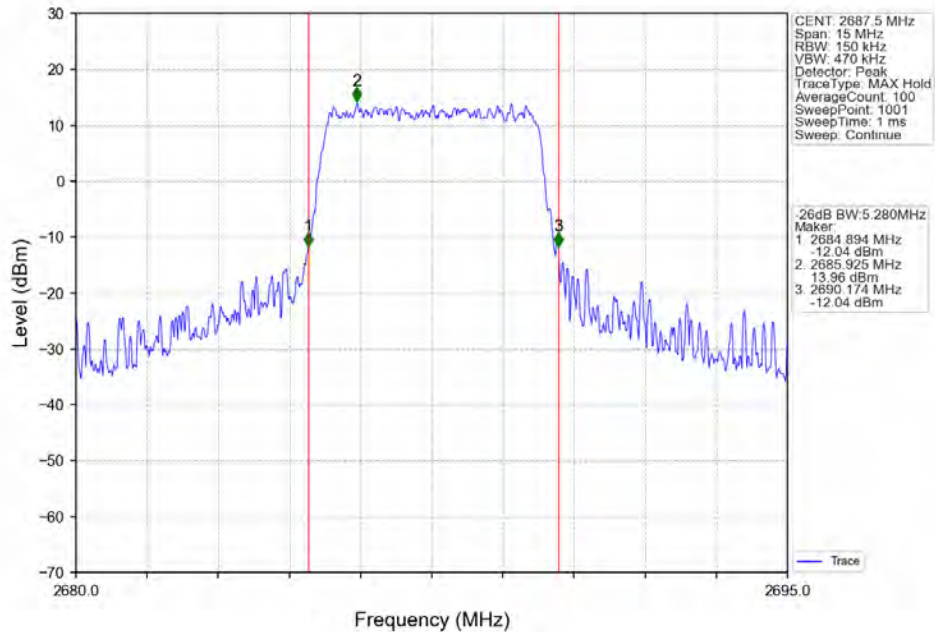
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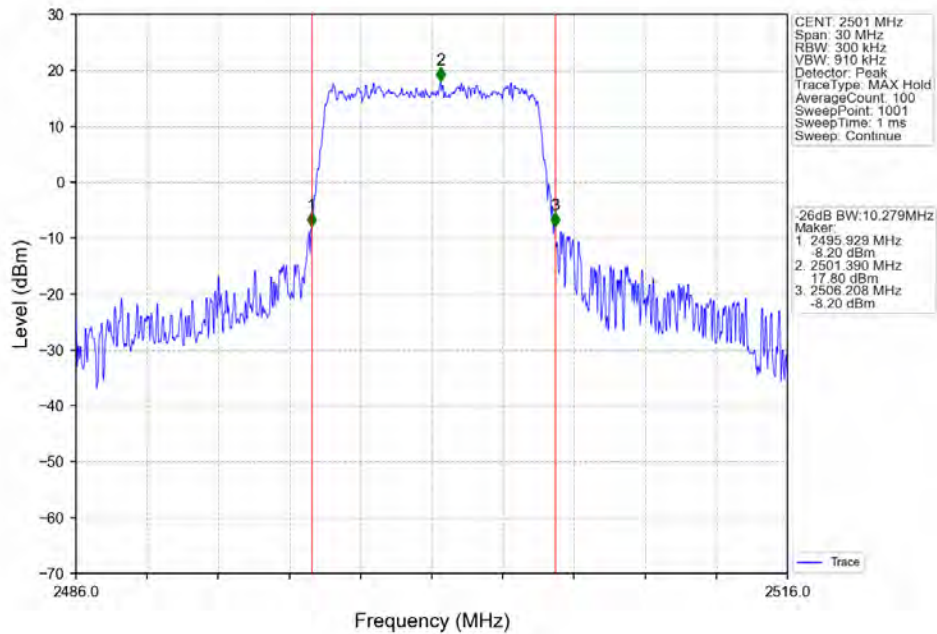
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Report No.: SUCR240400009001

Rev.: 01

Page: 76 of 219

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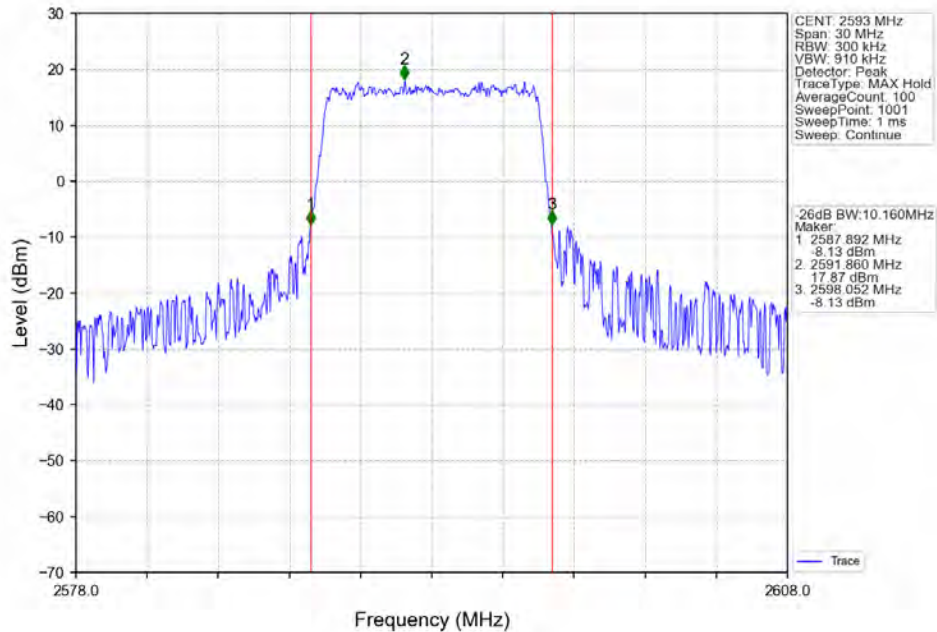
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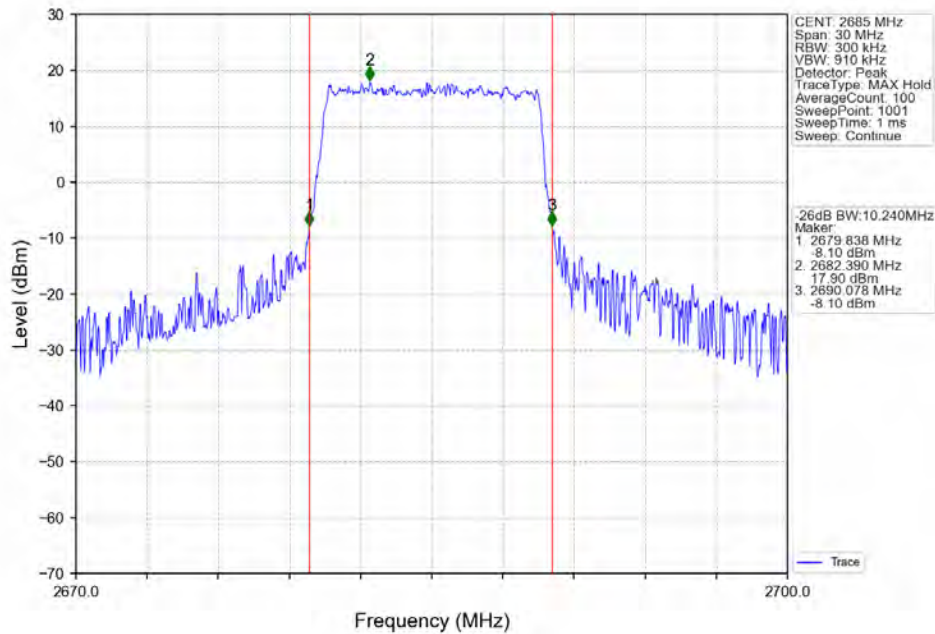
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Report No.: SUCR240400009001

Rev.: 01

Page: 78 of 219

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Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



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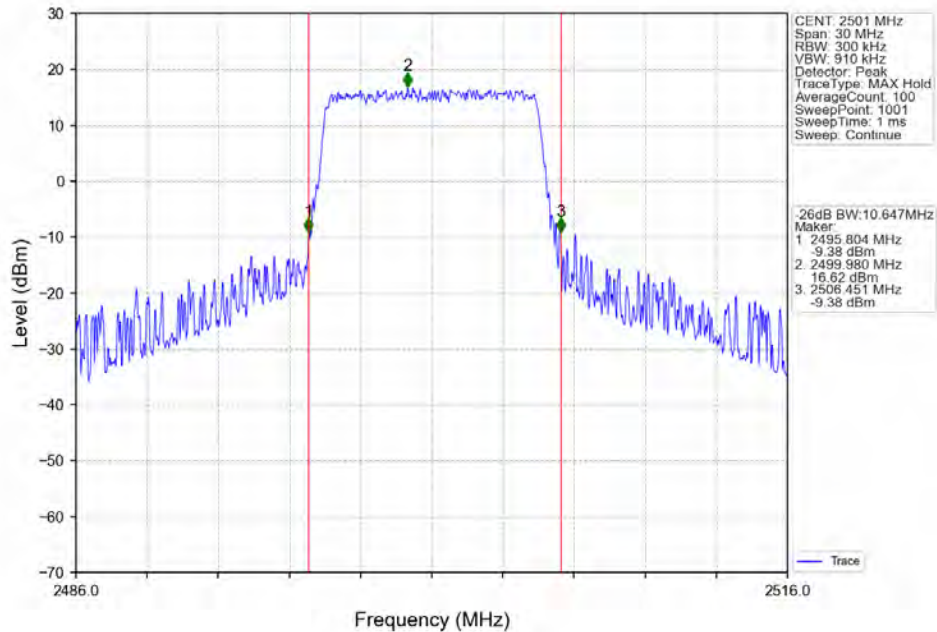
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Report No.: SUCR240400009001

Rev.: 01

Page: 79 of 219



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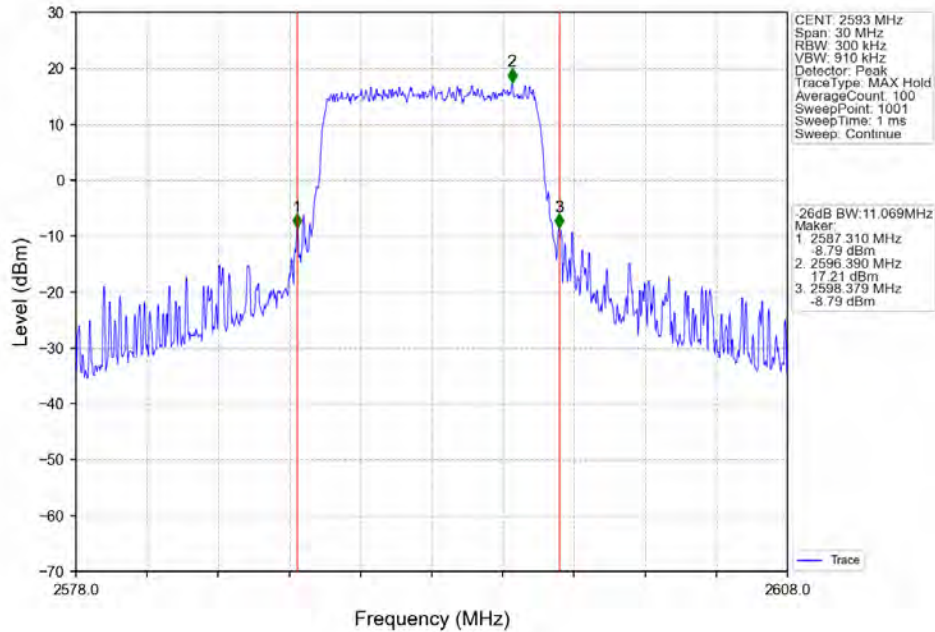
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Report No.: SUCR240400009001

Rev.: 01

Page: 80 of 219

Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTN



Band41 10MHz 16QAM HCH 2685MHz RB 50 0 NTN



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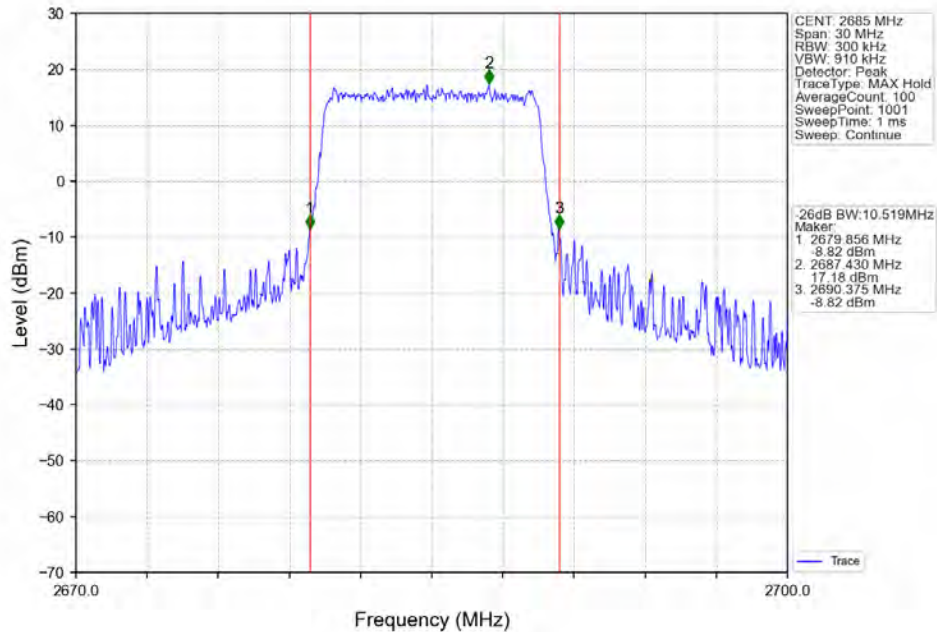
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Rev.: 01

Page: 81 of 219



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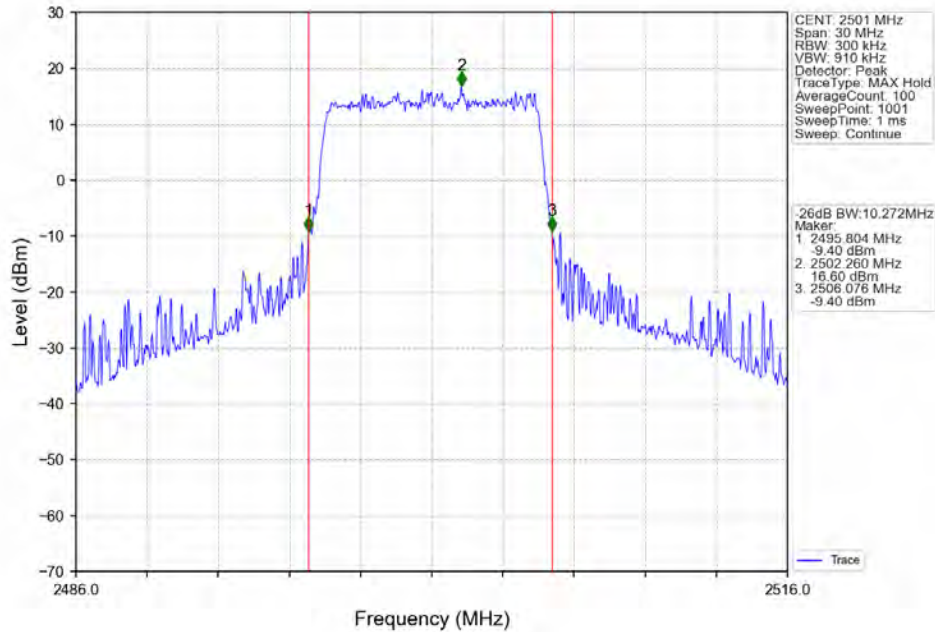
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Report No.: SUCR240400009001

Rev.: 01

Page: 82 of 219

Band41 10MHz 64QAM LCH 2501MHz RB 50 0 NTN



Band41 10MHz 64QAM MCH 2593MHz RB 50 0 NTN



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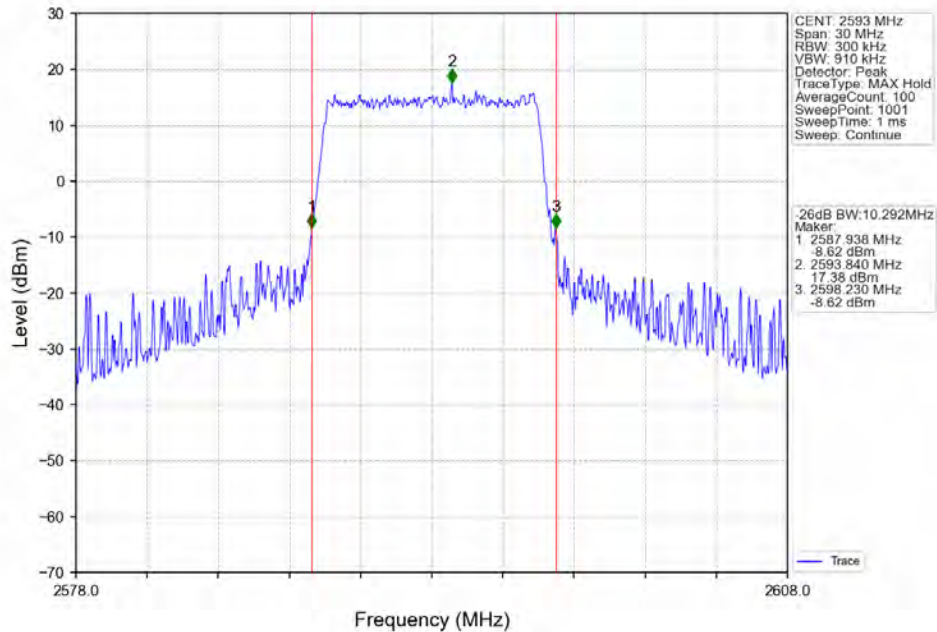
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Page: 83 of 219



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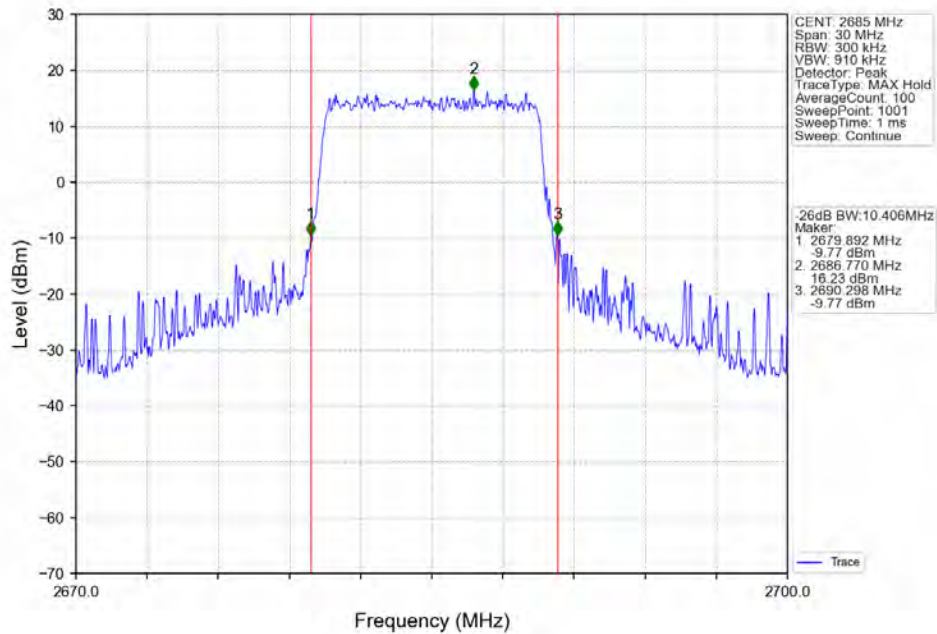
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Rev.: 01

Page: 84 of 219

Band41 10MHz 64QAM HCH 2685MHz RB 50 0 NTN



Band41 10MHz 256QAM LCH 2501MHz RB 50 0 NTN



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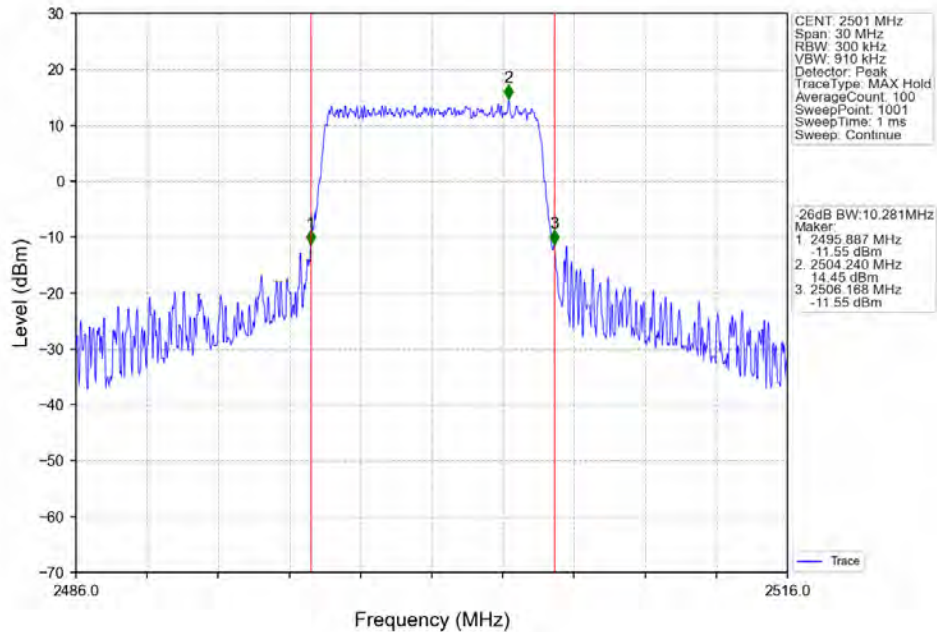
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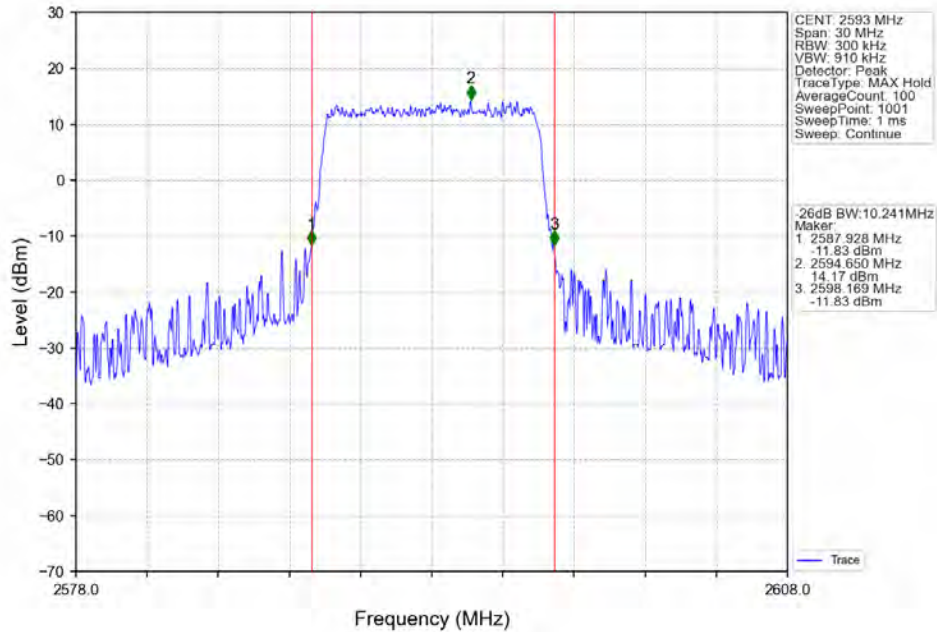
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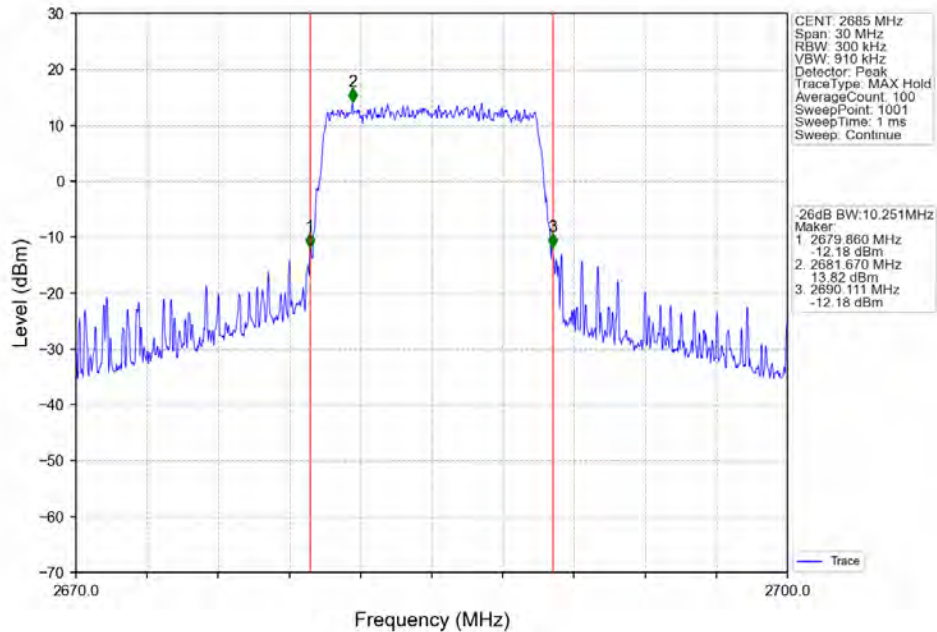
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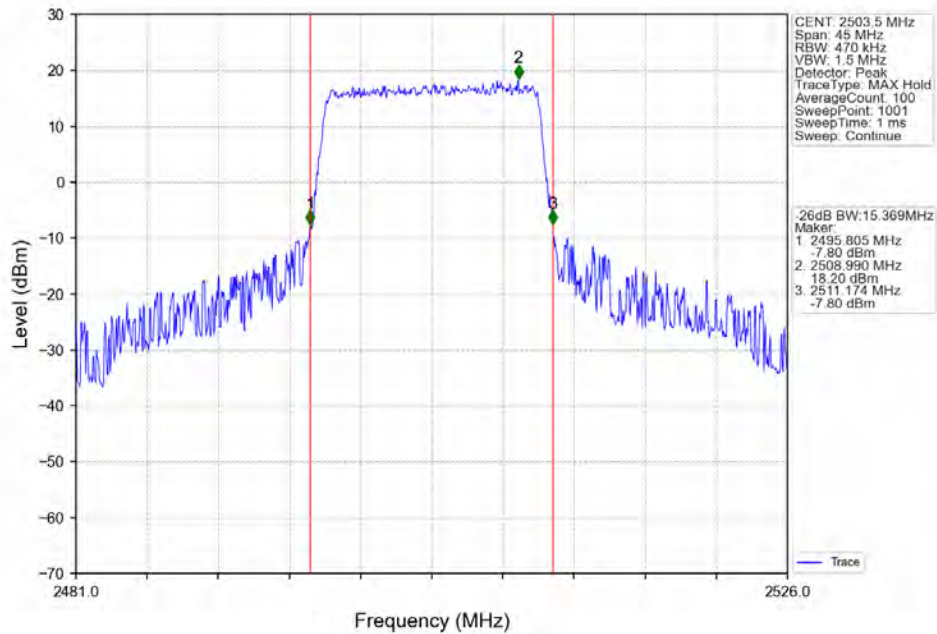
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Rev.: 01

Page: 88 of 219

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Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



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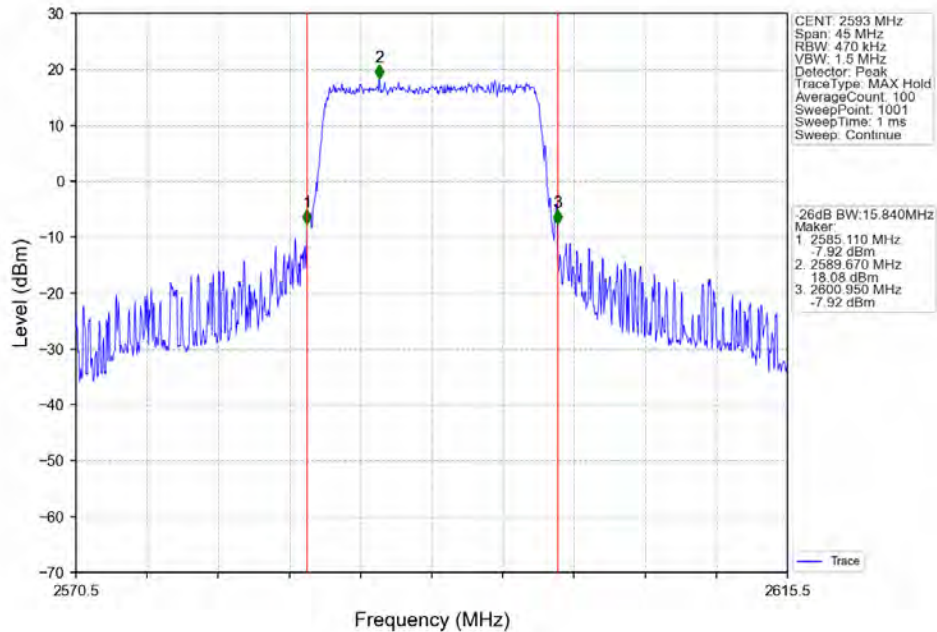
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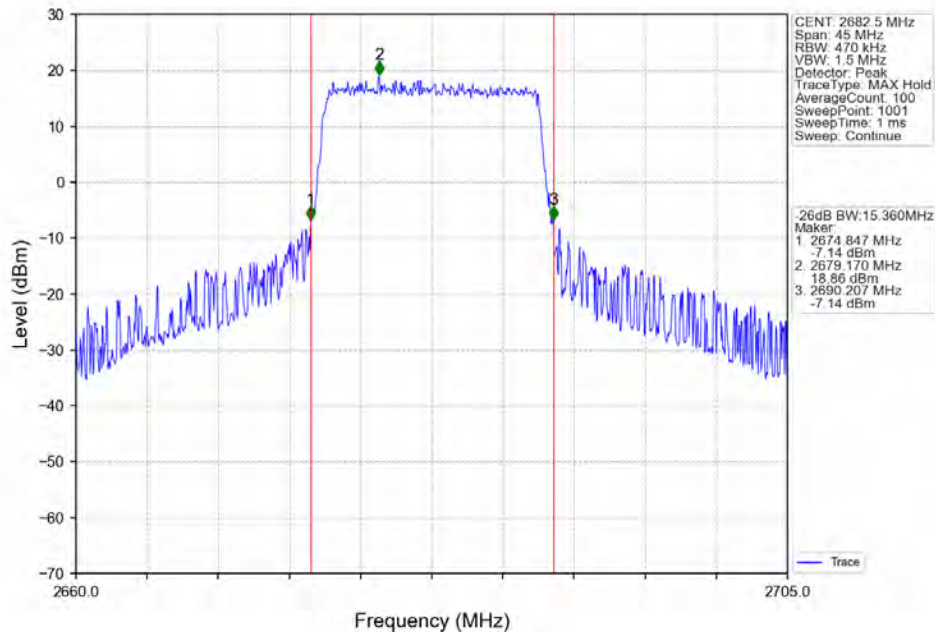
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Report No.: SUCR240400009001

Rev.: 01

Page: 90 of 219

Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



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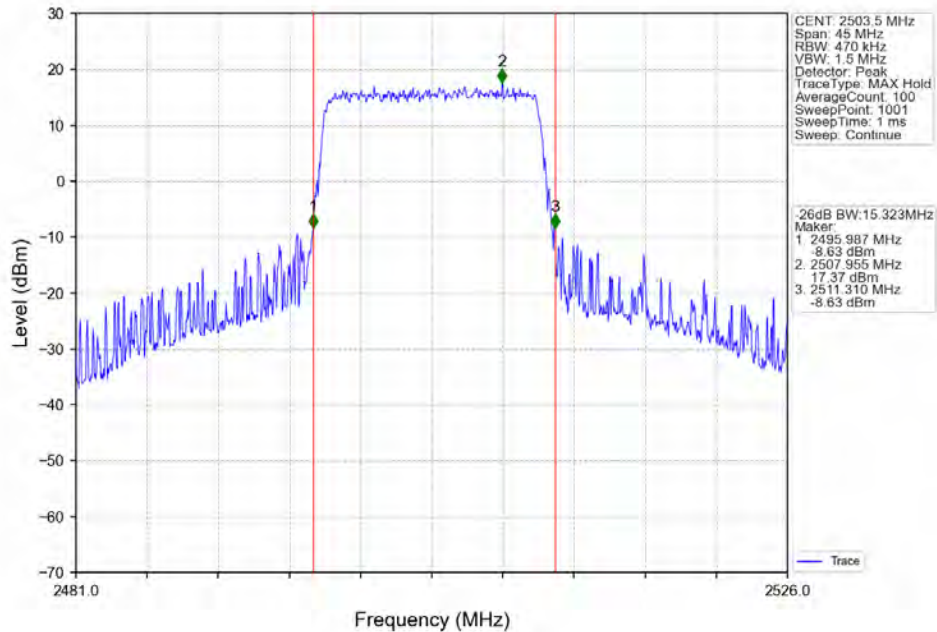
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Rev.: 01

Page: 91 of 219



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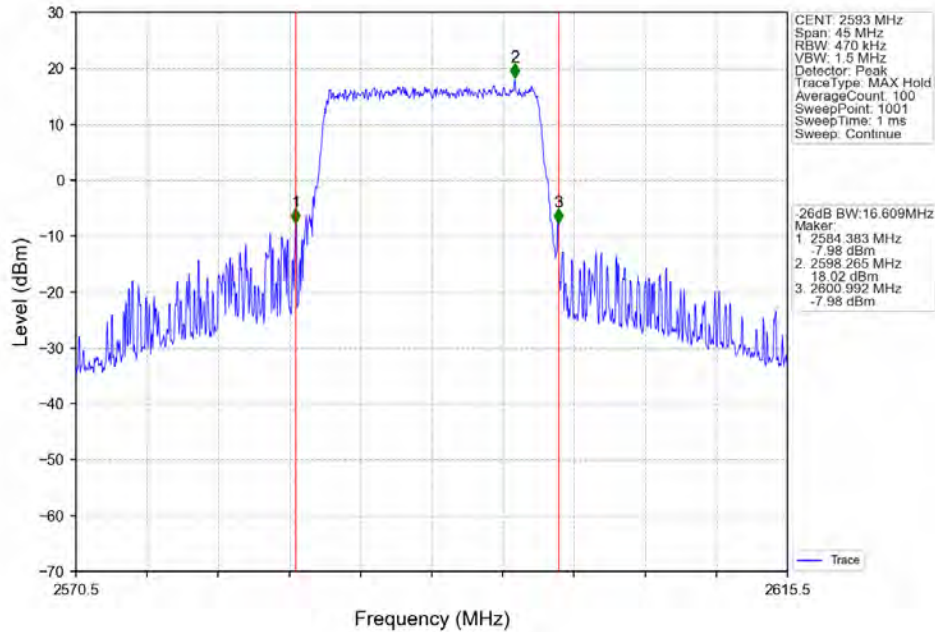
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Report No.: SUCR240400009001

Rev.: 01

Page: 92 of 219

Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



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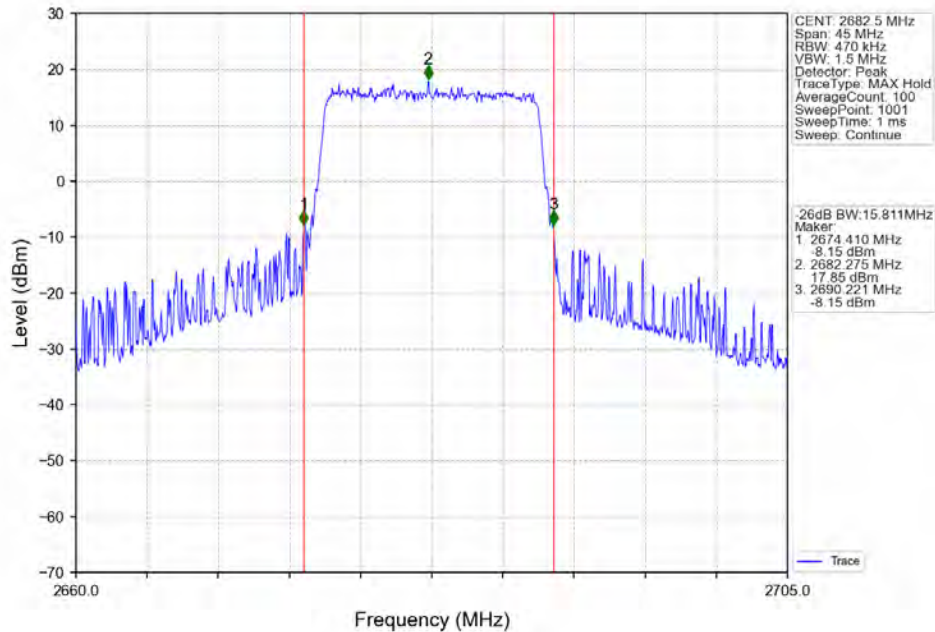
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Report No.: SUCR240400009001

Rev.: 01

Page: 93 of 219



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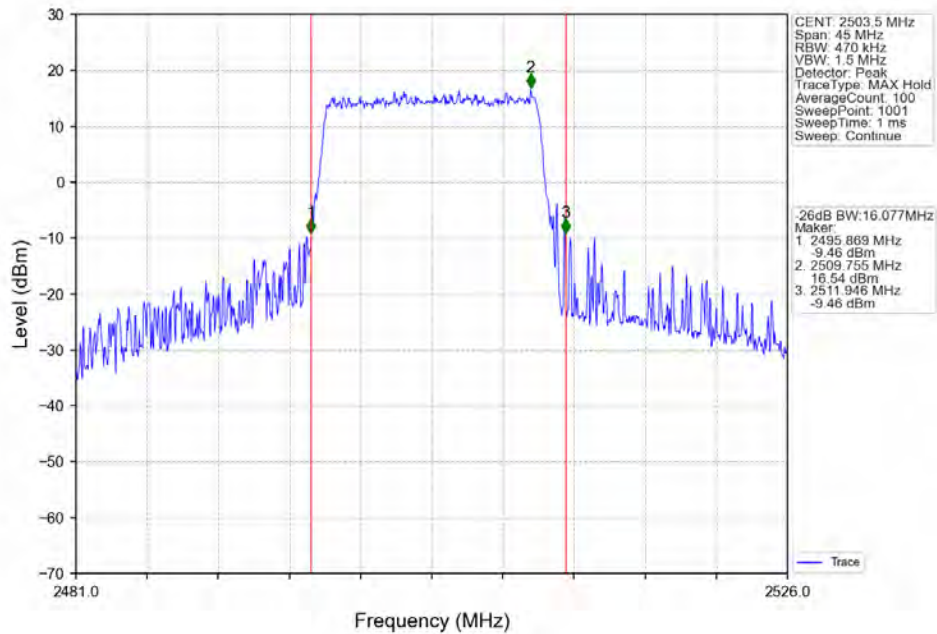
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Report No.: SUCR240400009001

Rev.: 01

Page: 94 of 219

Band41_15MHz_64QAM_LCH_2503.5MHz_RB_75_0_NTNV



Band41_15MHz_64QAM_MCH_2593MHz_RB_75_0_NTNV



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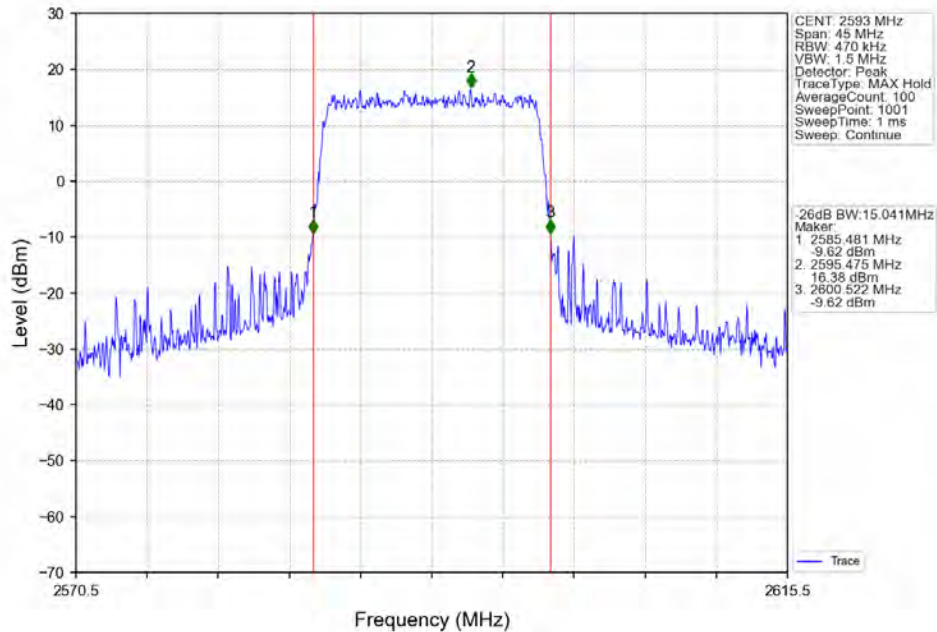
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Report No.: SUCR240400009001

Rev.: 01

Page: 95 of 219



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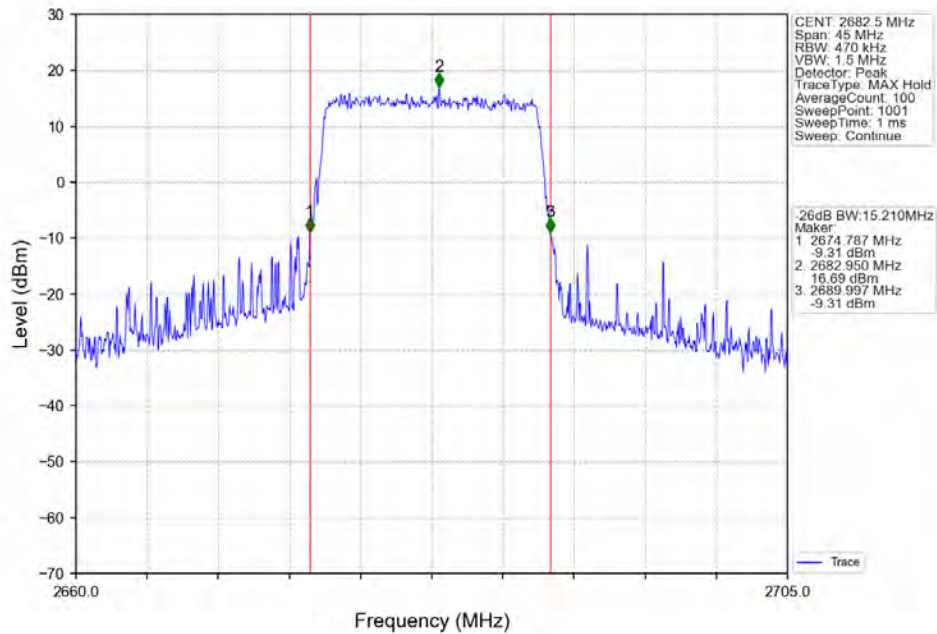
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Rev.: 01

Page: 96 of 219

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Band41_15MHz_256QAM_LCH_2503.5MHz_RB_75_0_NTNV



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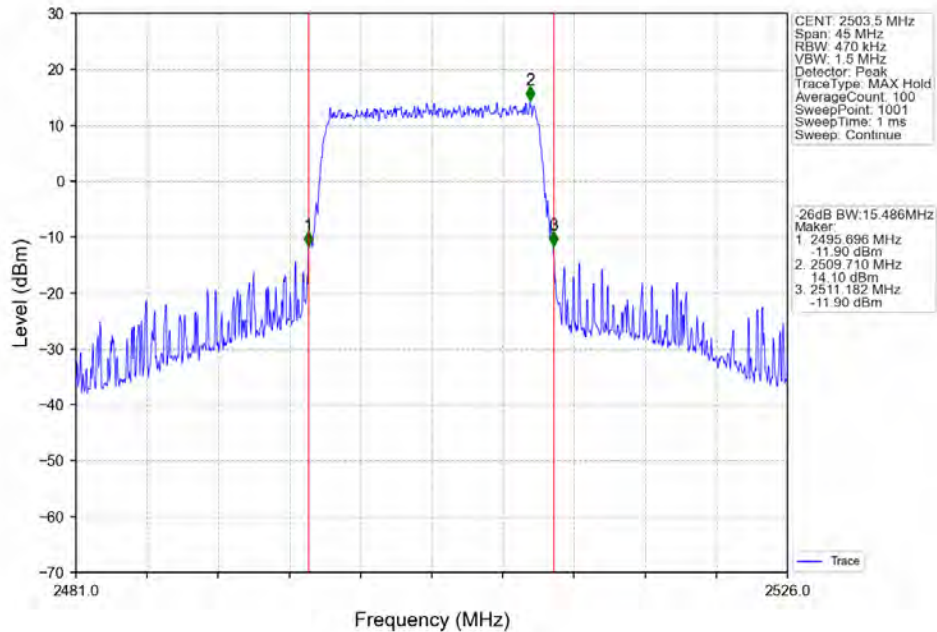
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Page: 97 of 219



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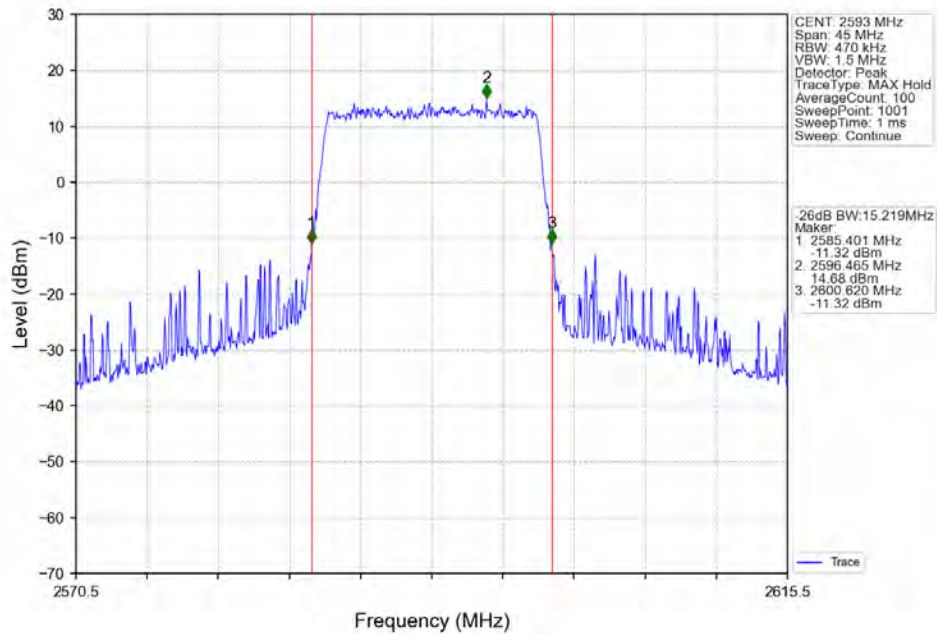
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Page: 98 of 219

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Band41_15MHz_256QAM_HCH_2682.5MHz_RB_75_0_NTNV



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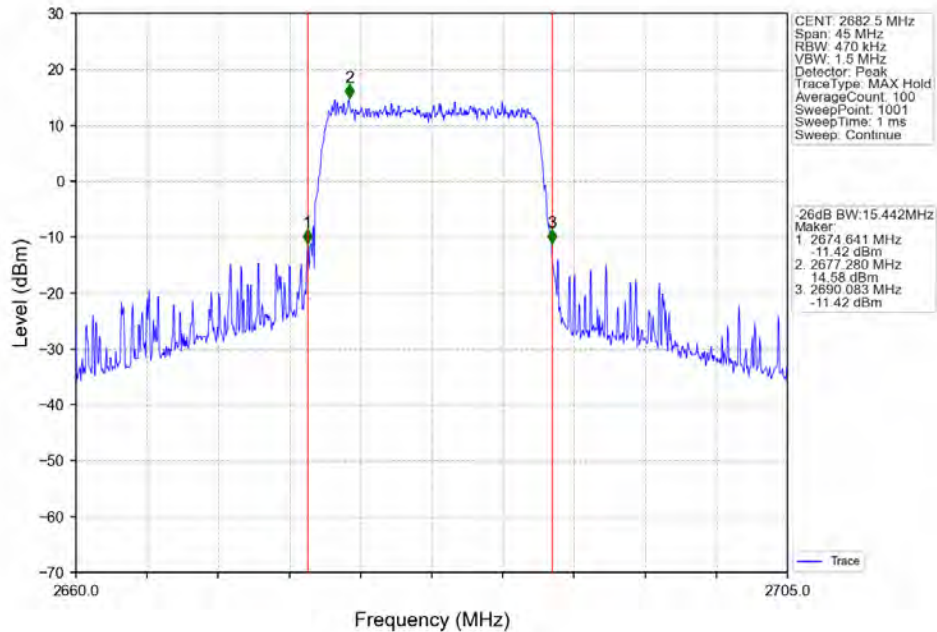
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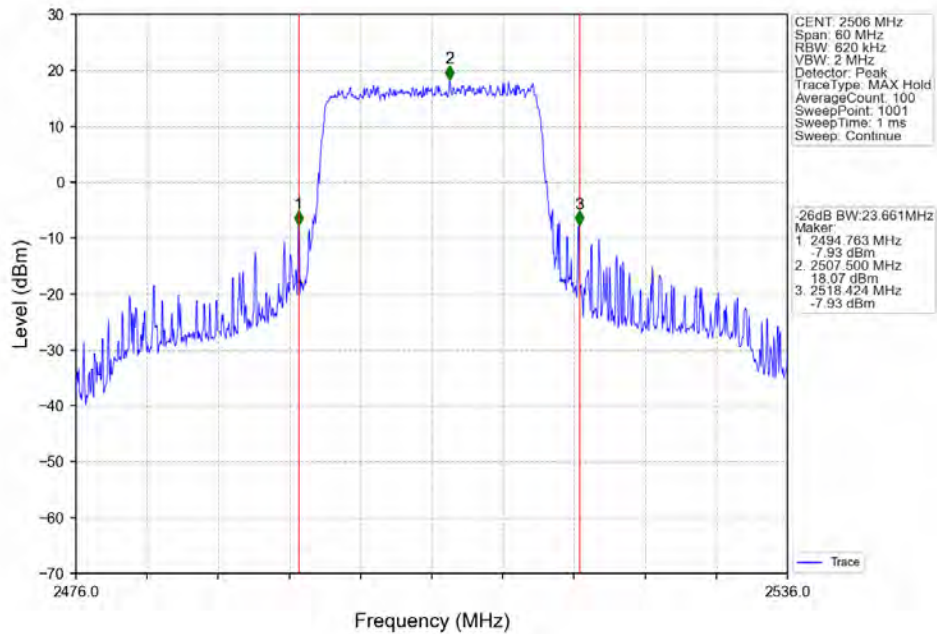
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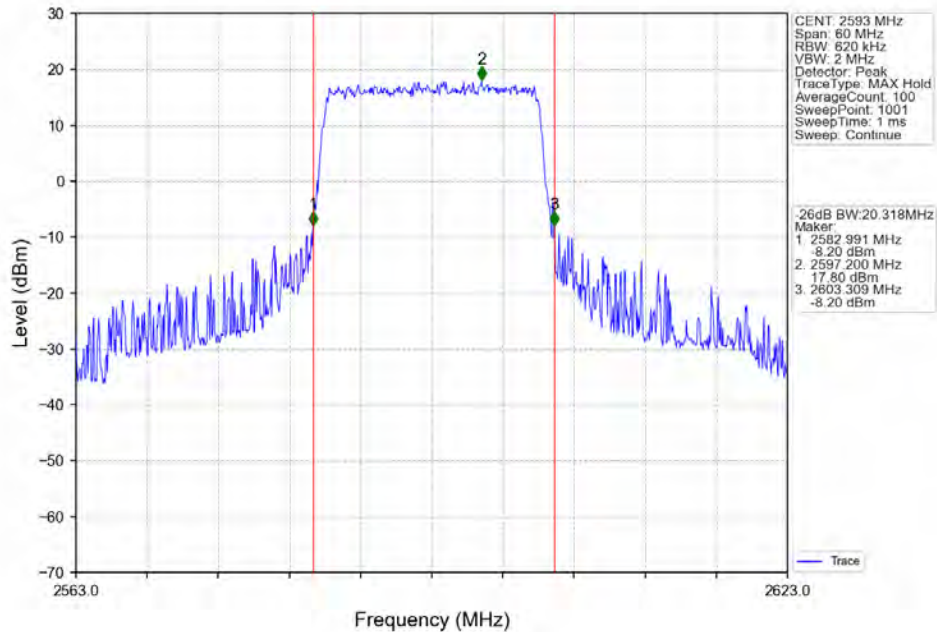
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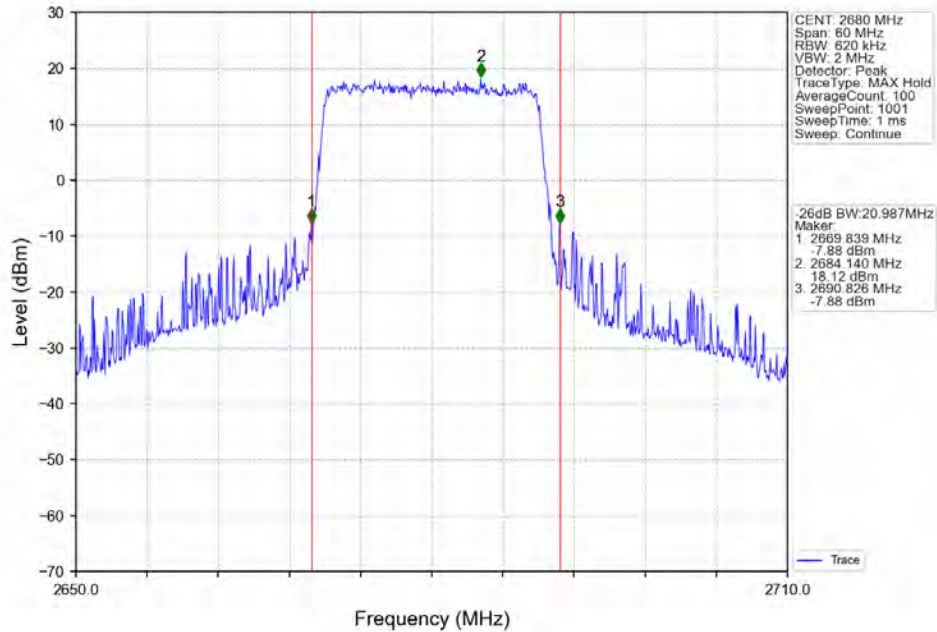
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Rev.: 01

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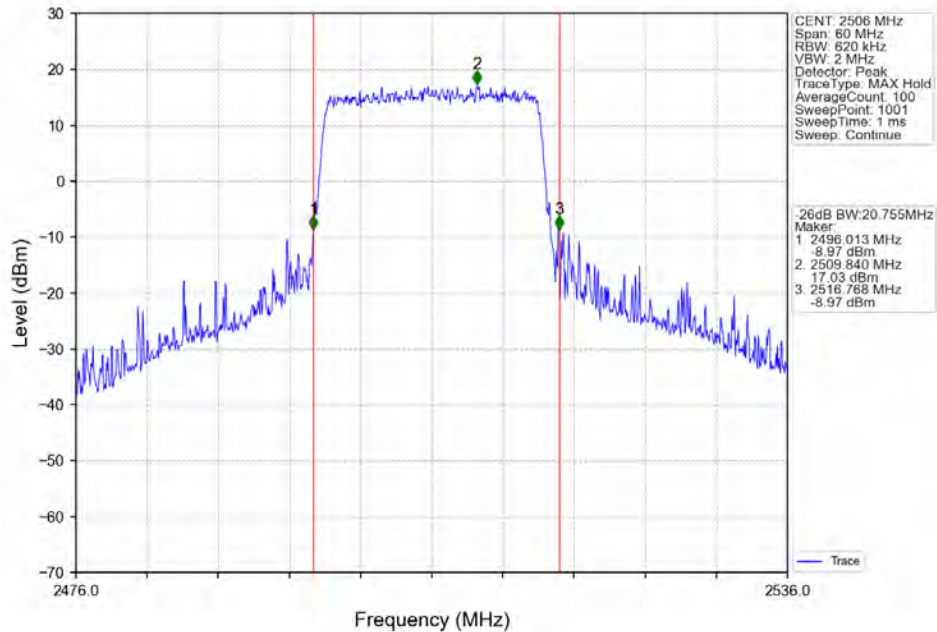
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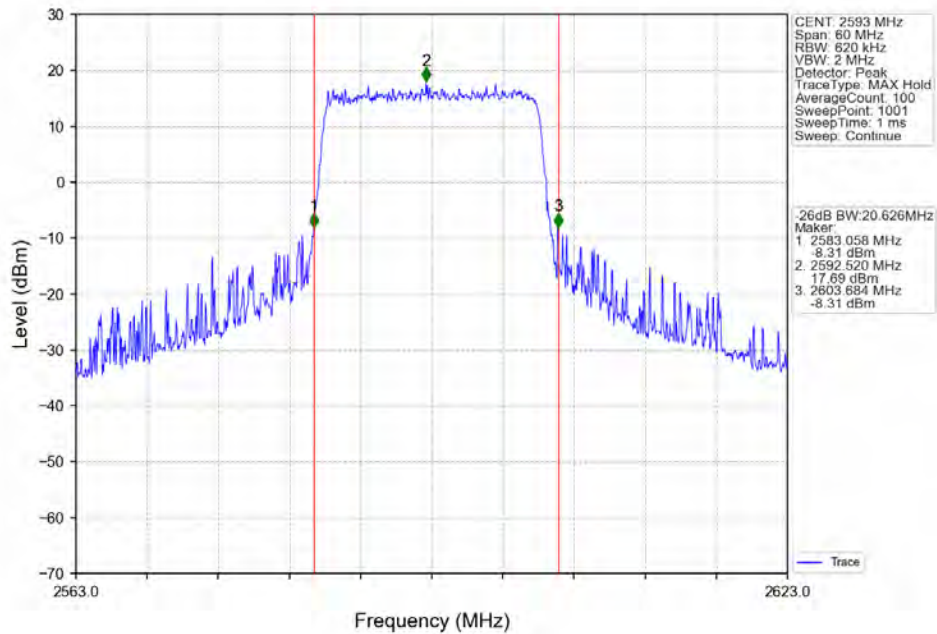
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Report No.: SUCR240400009001

Rev.: 01

Page: 104 of 219

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Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



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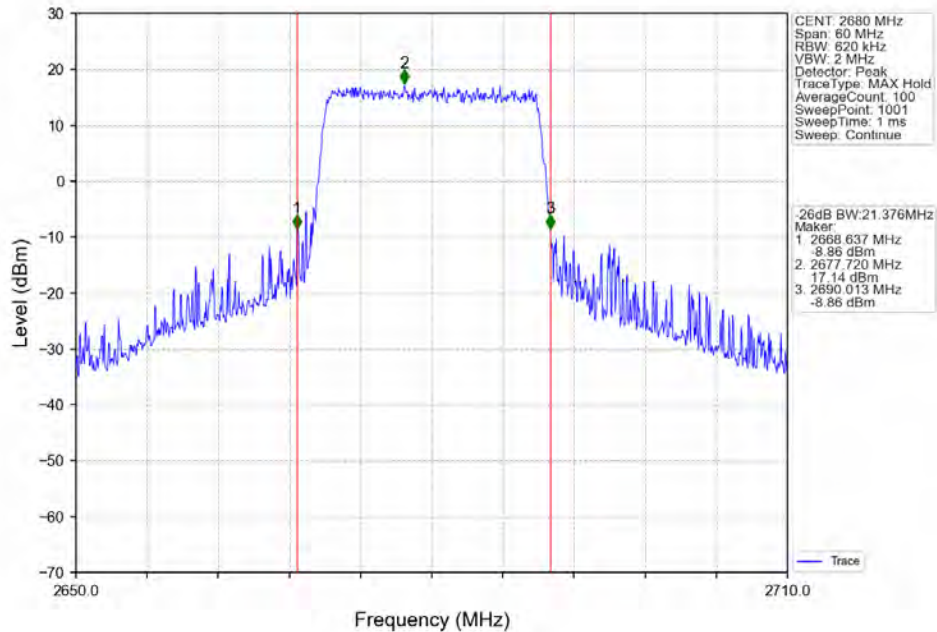
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Report No.: SUCR240400009001

Rev.: 01

Page: 105 of 219



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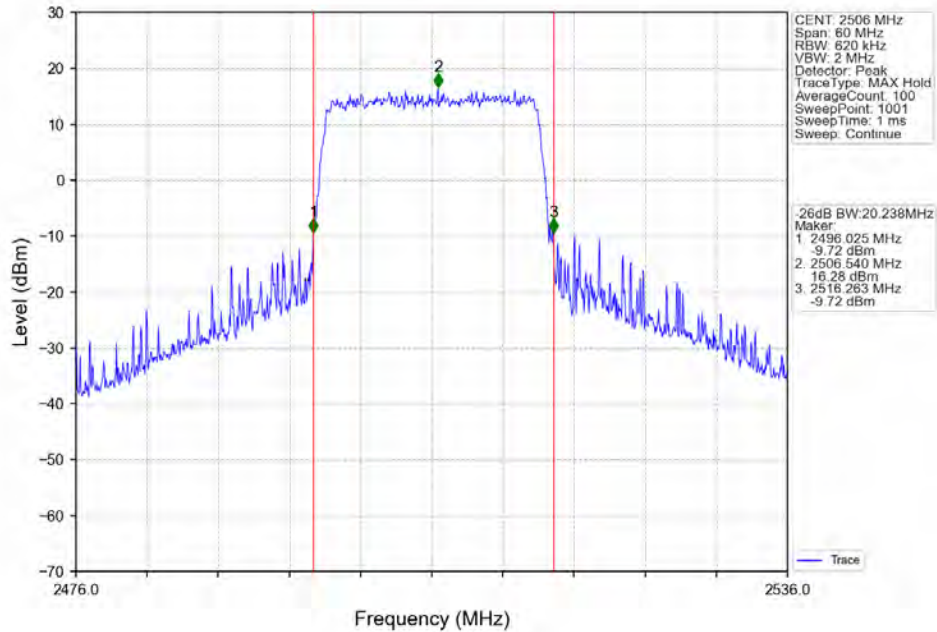
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Rev.: 01

Page: 106 of 219

Band41_20MHz_64QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV



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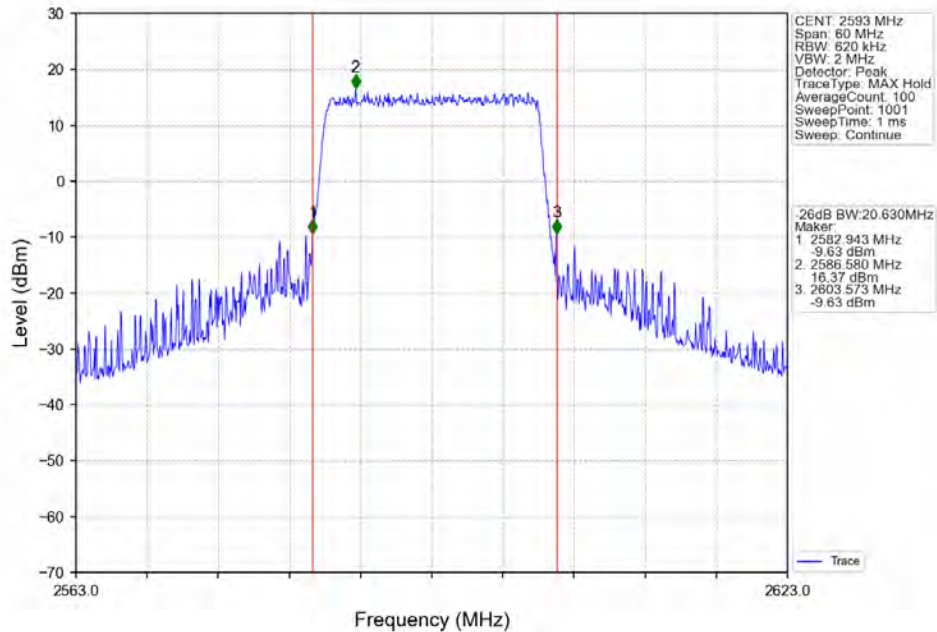
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Page: 107 of 219



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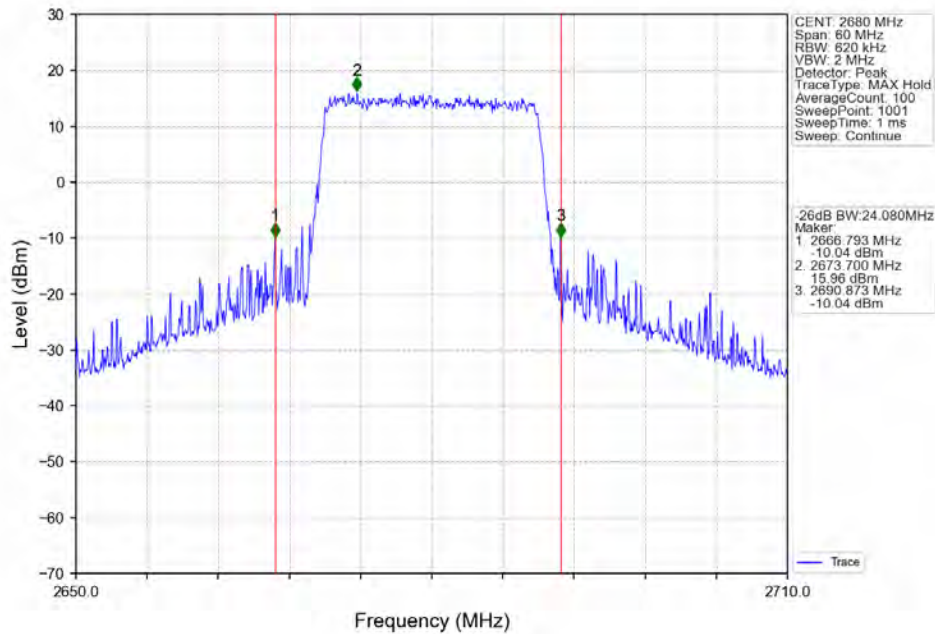
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Rev.: 01

Page: 108 of 219

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Band41_20MHz_256QAM_LCH_2506MHz_RB_100_0_NTNV



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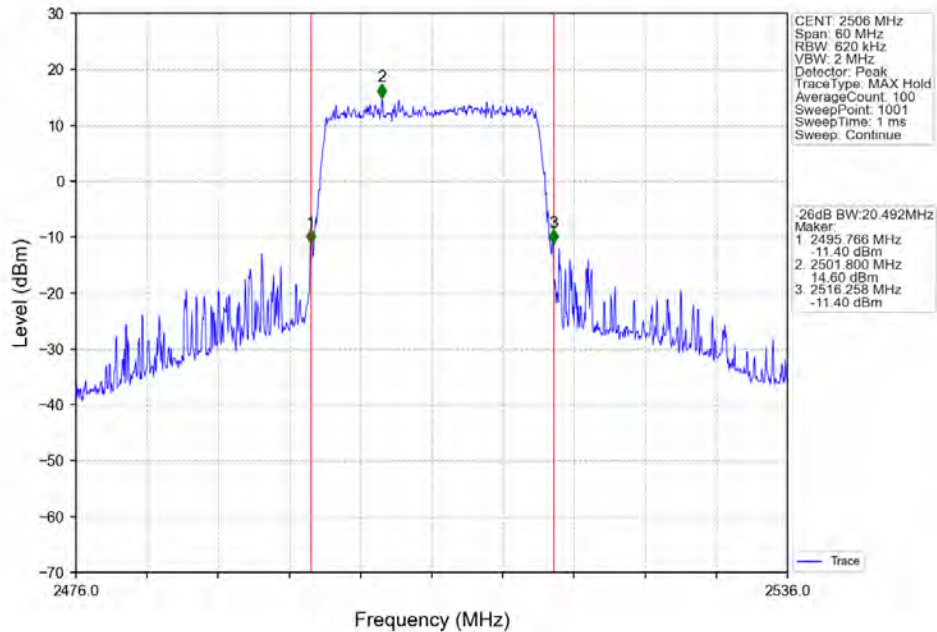
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Page: 109 of 219



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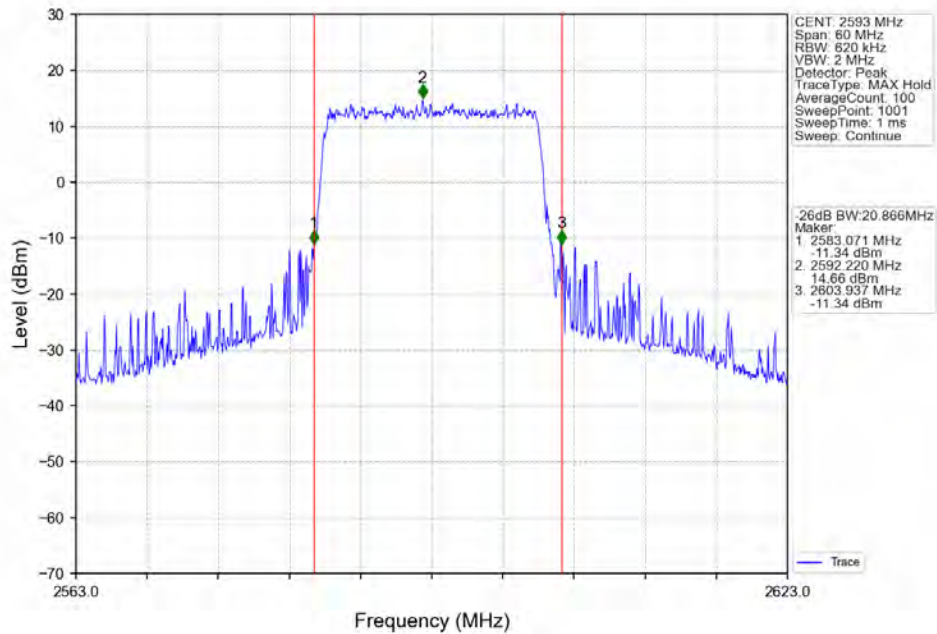
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Band41 20MHz 256QAM MCH 2593MHz RB 100 0 NTN



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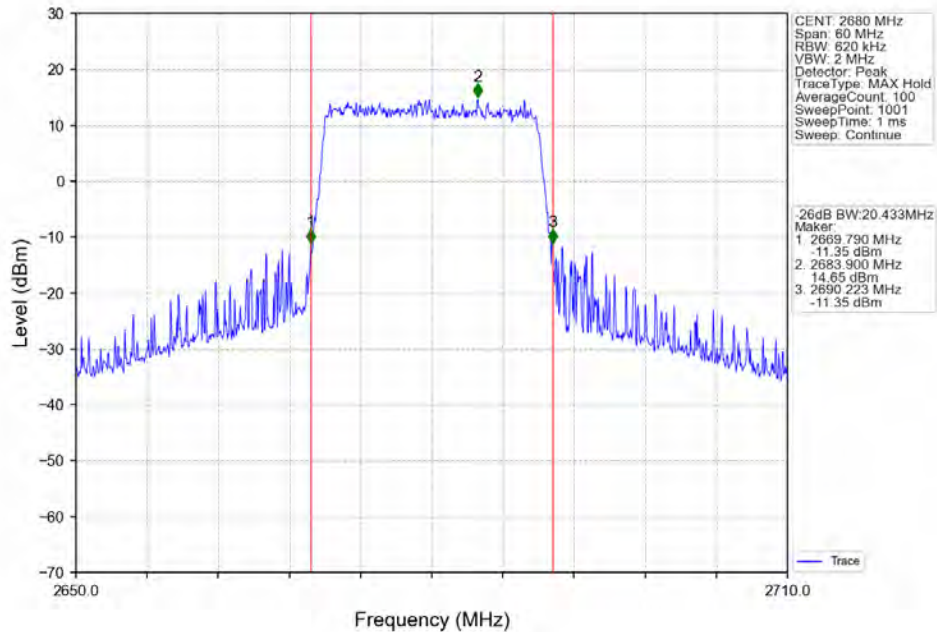
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Rev.: 01
Page: 112 of 219

5. Peak-Average Ratio

5.1 B41_5MHz

5.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	25	0	7.23	<=13	Pass
	2593	25	0	7.18	<=13	Pass
	2687.5	25	0	7.03	<=13	Pass
16QAM	2498.5	25	0	8.36	<=13	Pass
	2593	25	0	8.16	<=13	Pass
	2687.5	25	0	8.38	<=13	Pass
64QAM	2498.5	25	0	13.00	<=13	Pass
	2593	25	0	8.60	<=13	Pass
	2687.5	25	0	12.92	<=13	Pass
256QAM	2498.5	25	0	8.76	<=13	Pass
	2593	25	0	9.03	<=13	Pass
	2687.5	25	0	9.05	<=13	Pass



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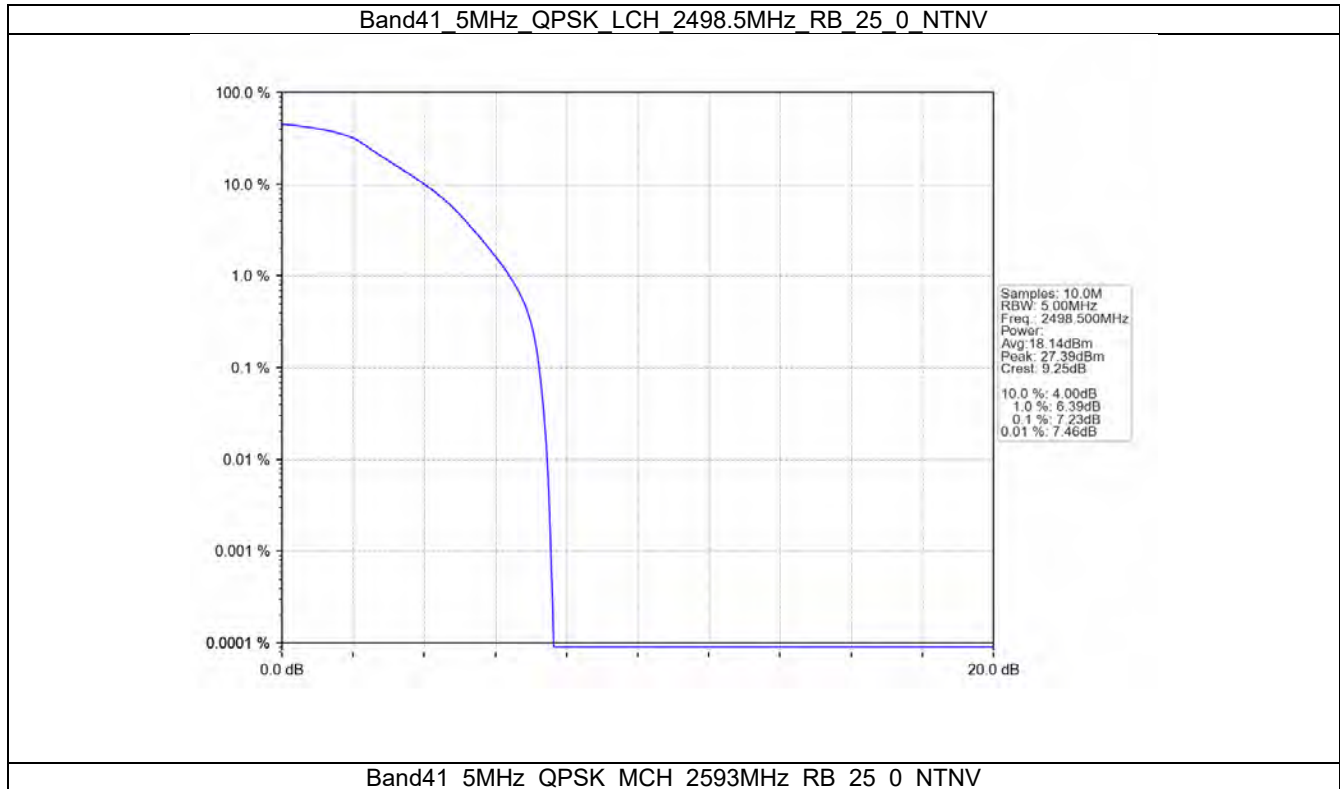
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5.1.2 Test Graph



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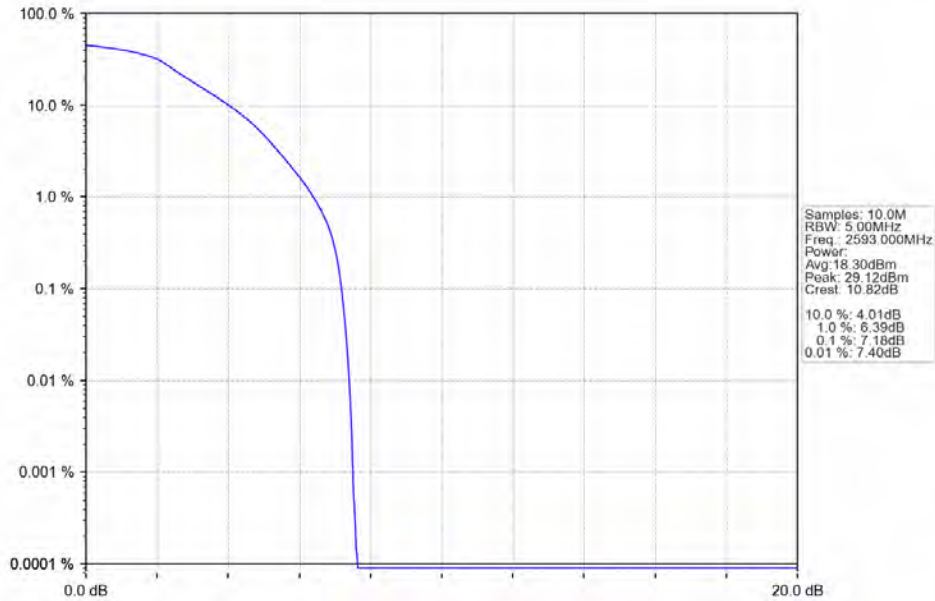
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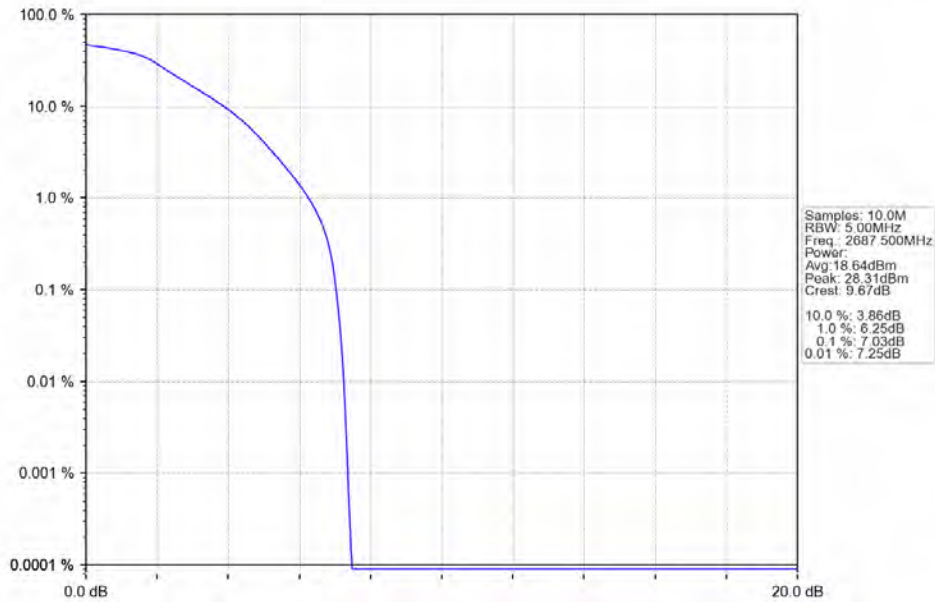
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Report No.: SUCR240400009001

Rev.: 01

Page: 115 of 219

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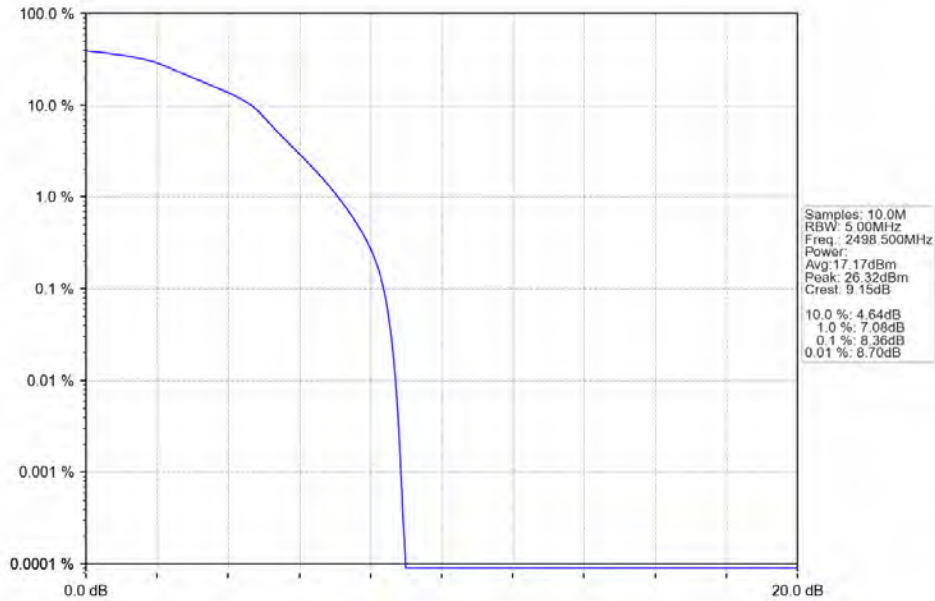
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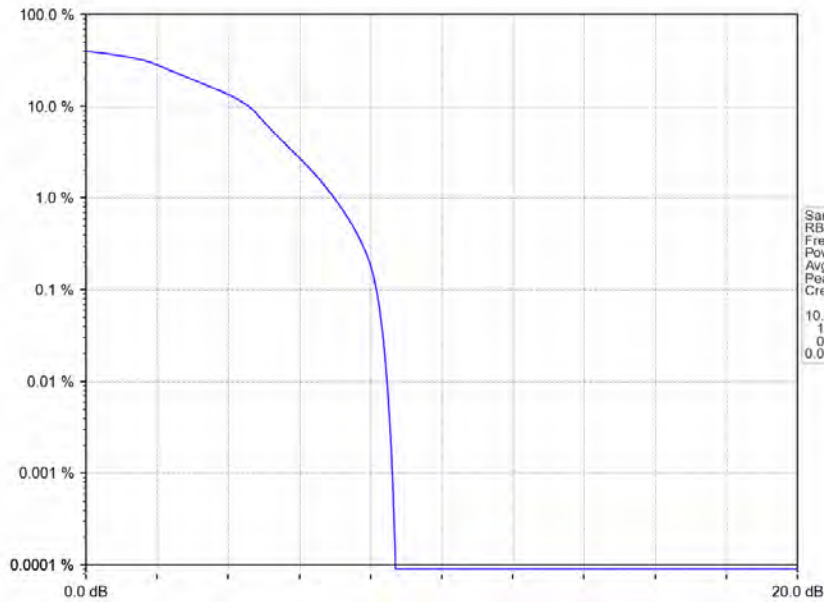
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Rev.: 01

Page: 117 of 219

Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



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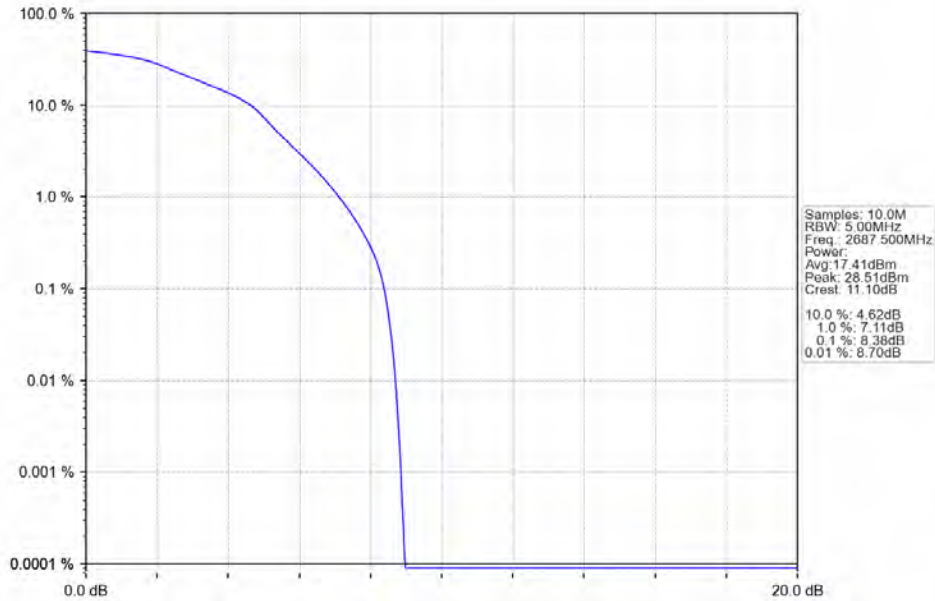
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Report No.: SUCR240400009001

Rev.: 01

Page: 118 of 219



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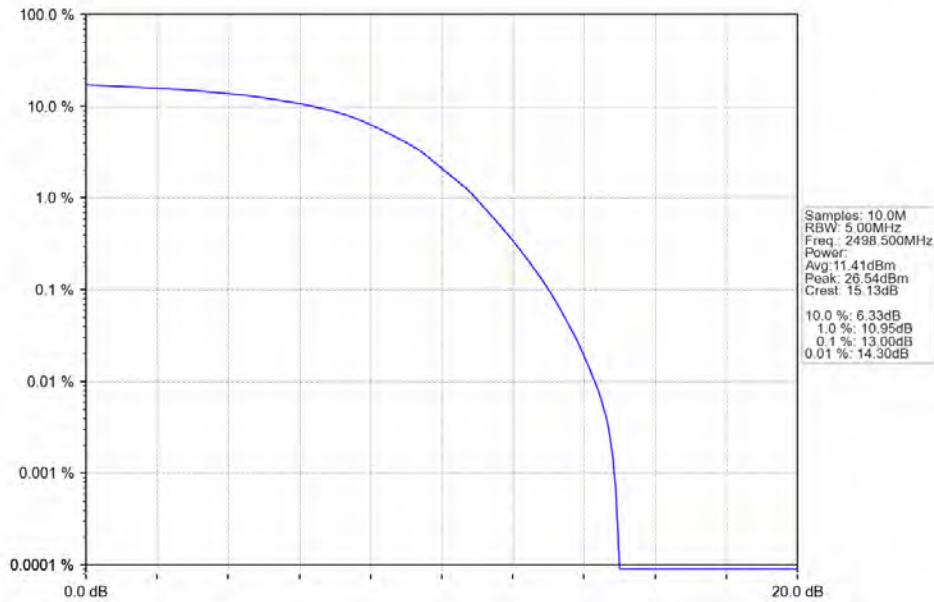
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Report No.: SUCR240400009001

Rev.: 01

Page: 119 of 219

Band41_5MHz_64QAM_LCH_2498.5MHz_RB_25_0_NTNV



Band41_5MHz_64QAM_MCH_2593MHz_RB_25_0_NTNV



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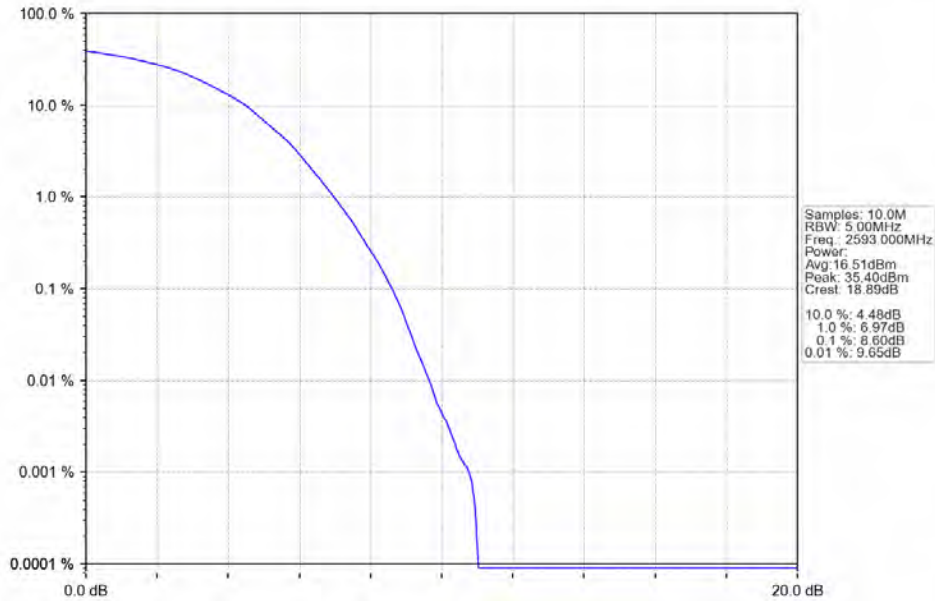
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Rev.: 01

Page: 120 of 219



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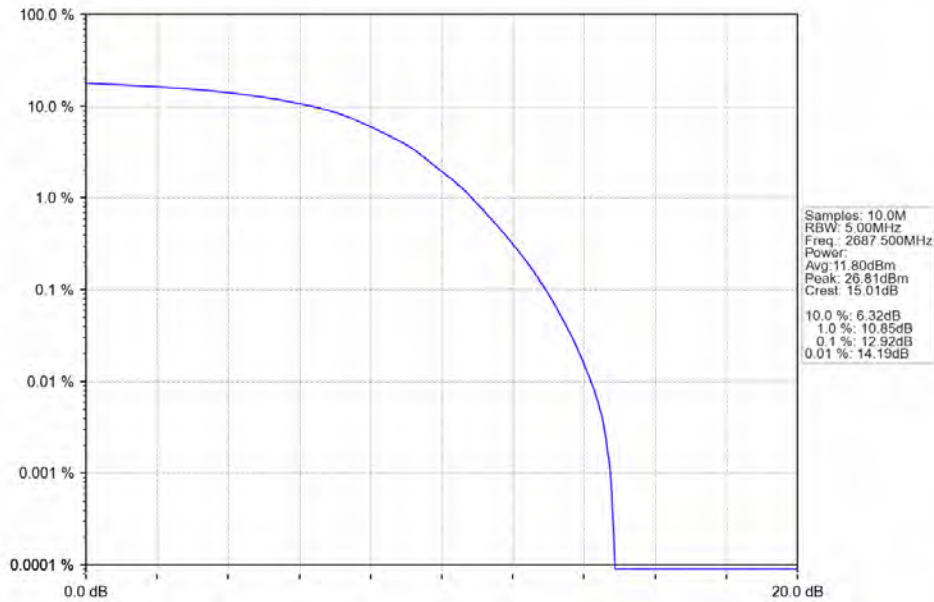
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Report No.: SUCR240400009001

Rev.: 01

Page: 121 of 219

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Band41_5MHz_256QAM_LCH_2498.5MHz_RB_25_0_NTNV



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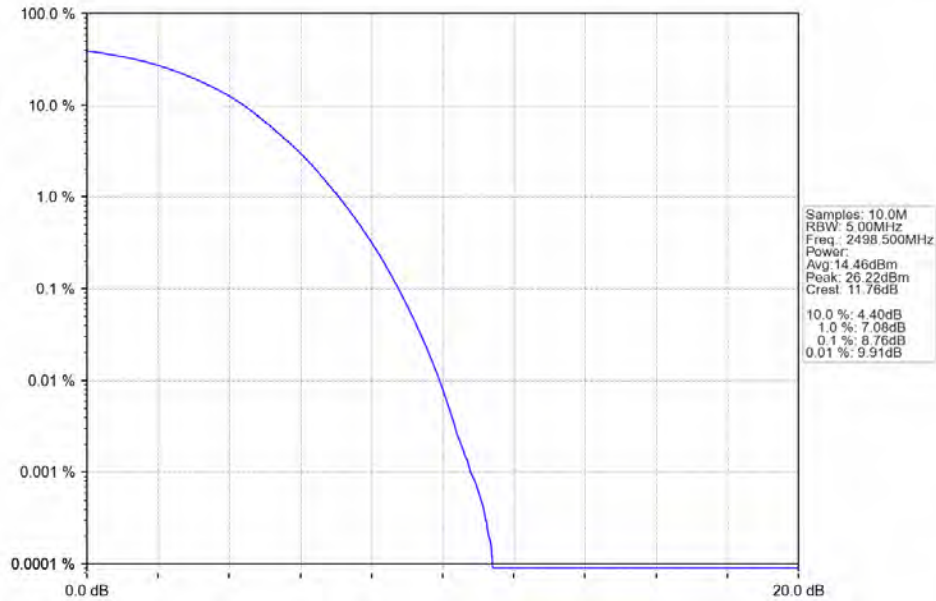
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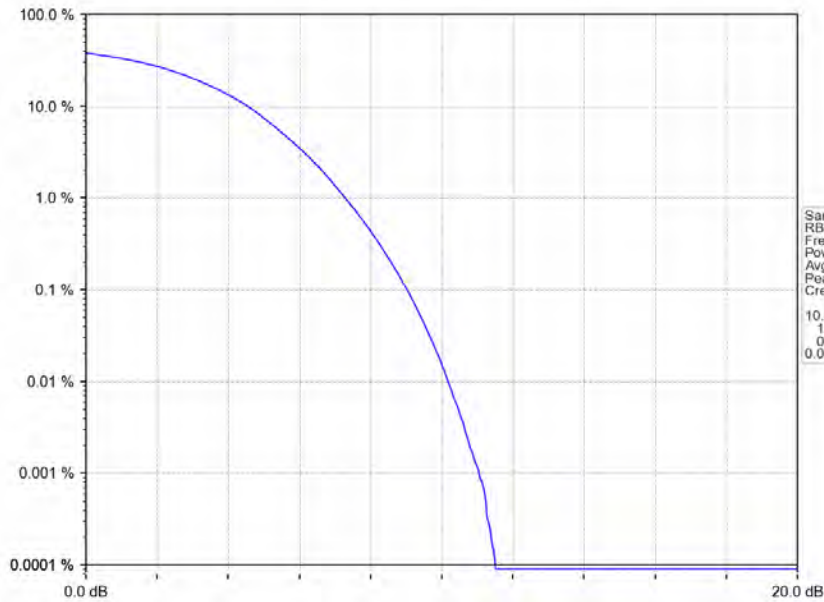
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Report No.: SUCR240400009001

Rev.: 01

Page: 123 of 219

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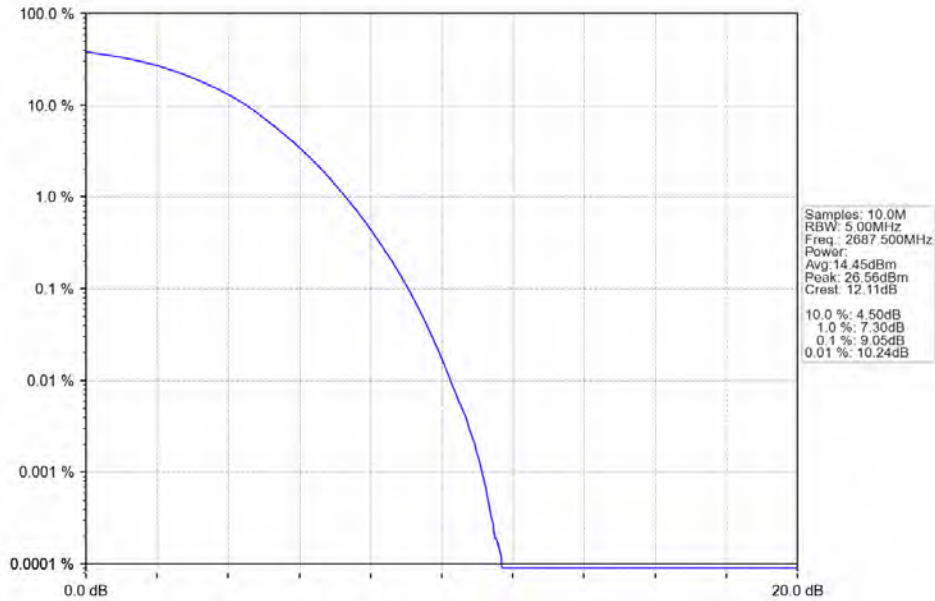
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Rev.: 01

Page: 125 of 219

5.2 B41_10MHz

5.2.1 Test Result

Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	50	0	7.03	<=13	Pass
	2593	50	0	7.15	<=13	Pass
	2685	50	0	7.18	<=13	Pass
16QAM	2501	50	0	7.95	<=13	Pass
	2593	50	0	8.00	<=13	Pass
	2685	50	0	8.25	<=13	Pass
64QAM	2501	50	0	8.57	<=13	Pass
	2593	50	0	8.59	<=13	Pass
	2685	50	0	8.64	<=13	Pass
256QAM	2501	50	0	8.72	<=13	Pass
	2593	50	0	8.86	<=13	Pass
	2685	50	0	8.73	<=13	Pass



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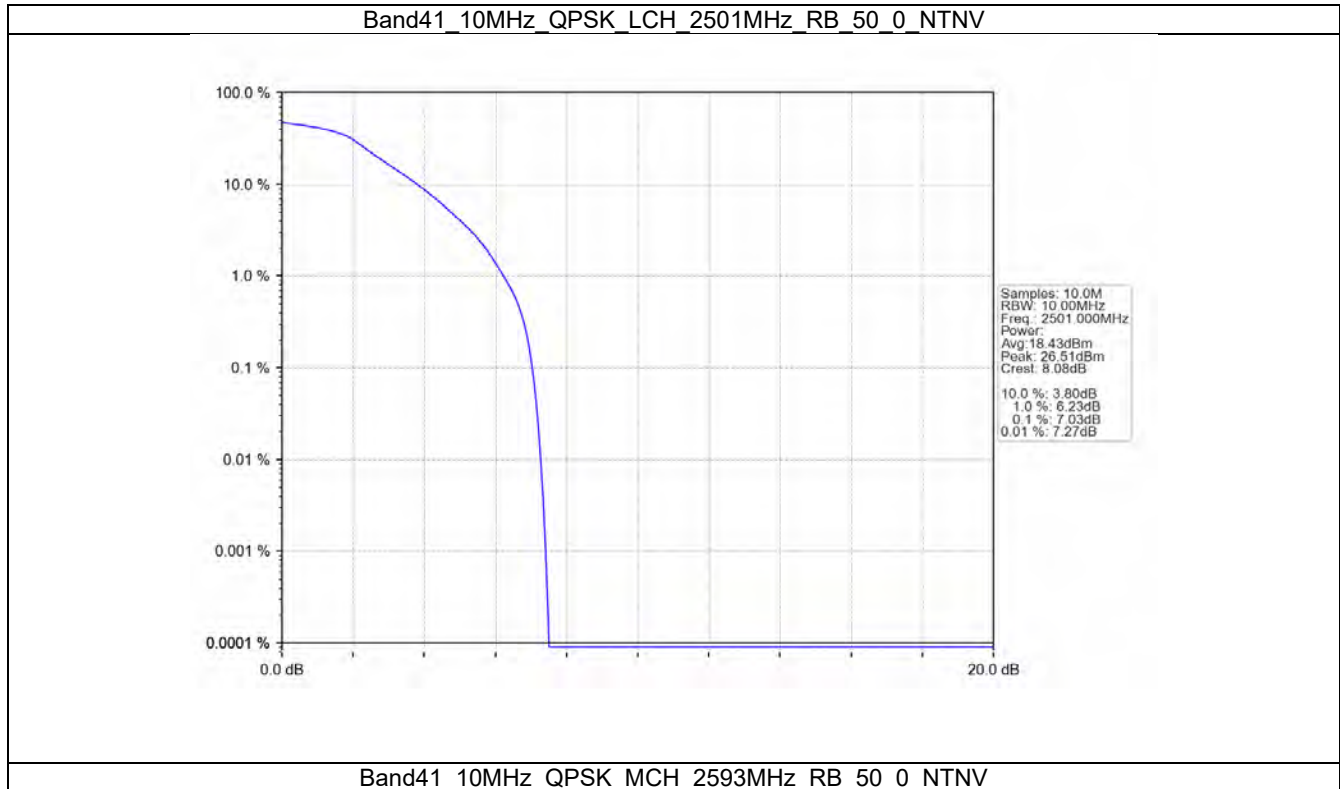
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5.2.2 Test Graph



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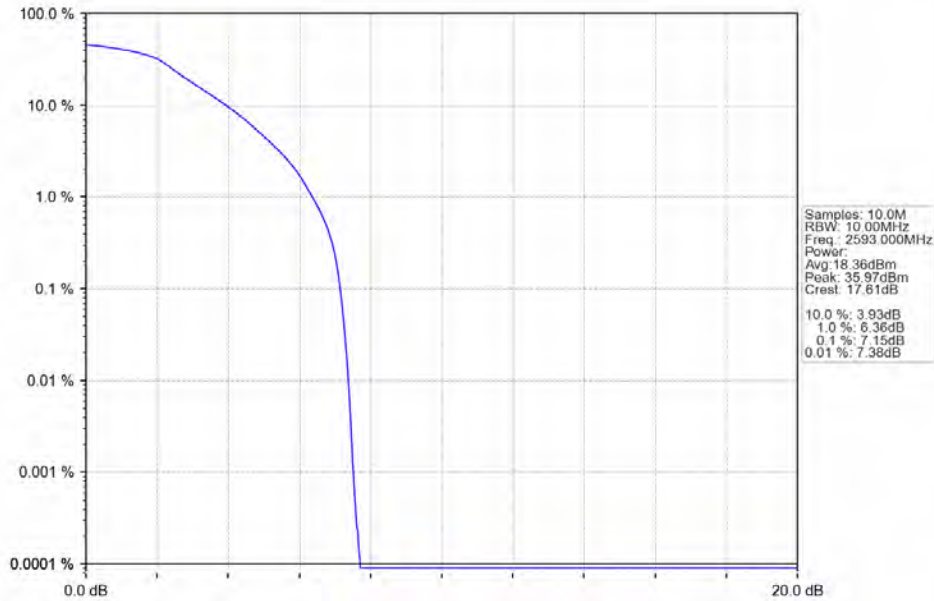
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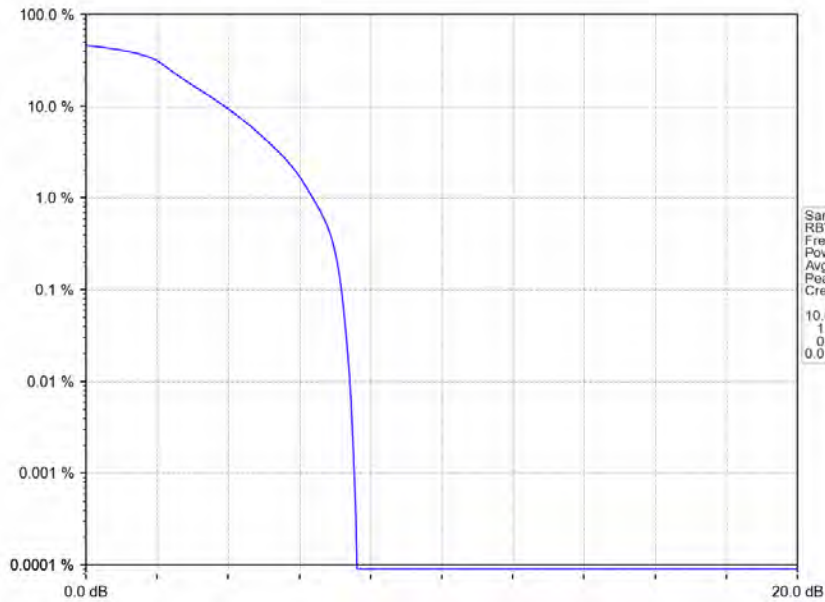
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Rev.: 01

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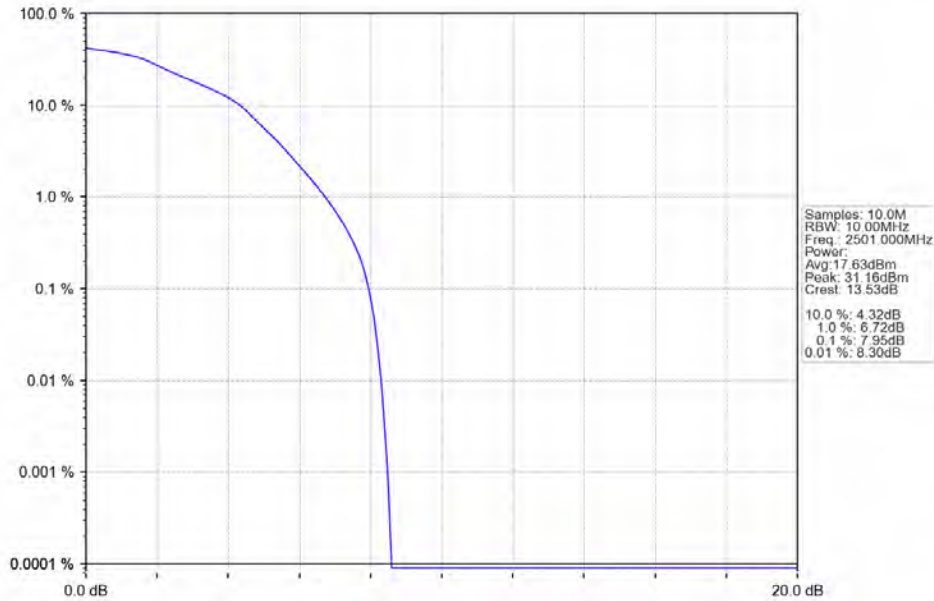
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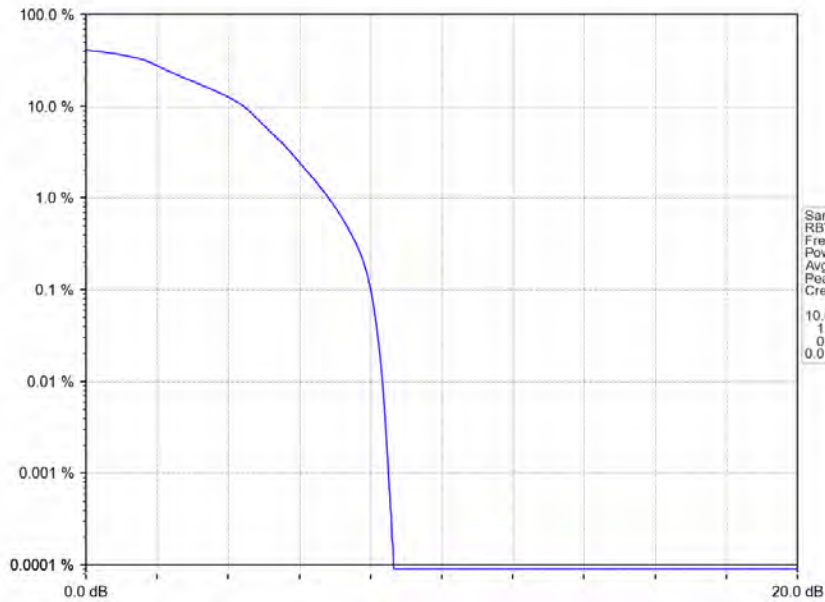
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Report No.: SUCR240400009001

Rev.: 01

Page: 130 of 219

Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTN



Band41 10MHz 16QAM HCH 2685MHz RB 50 0 NTN



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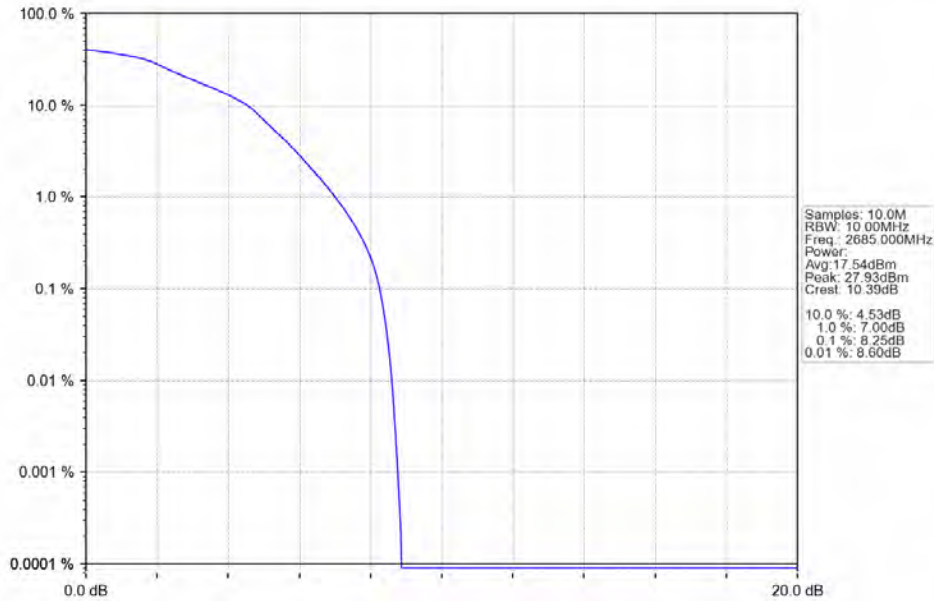
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Page: 131 of 219



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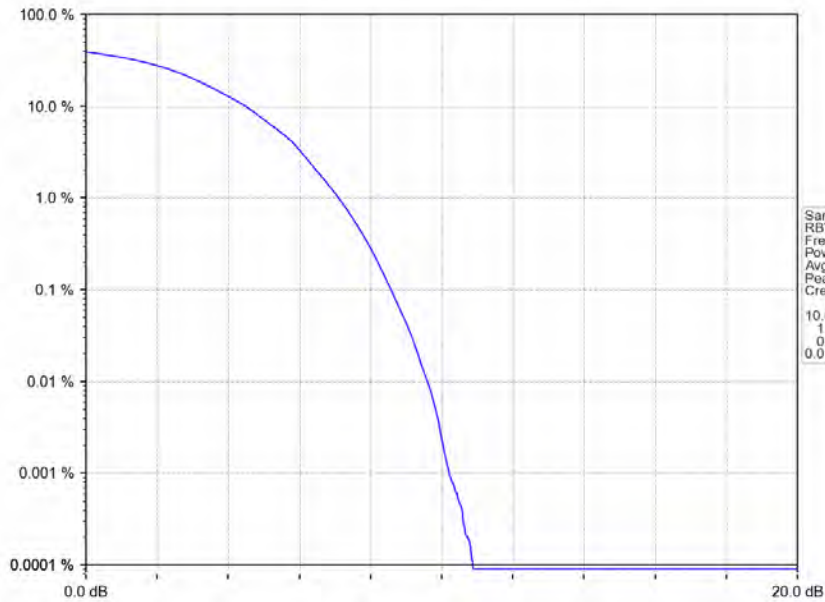
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Rev.: 01

Page: 132 of 219

Band41 10MHz 64QAM LCH 2501MHz RB 50 0 NTN



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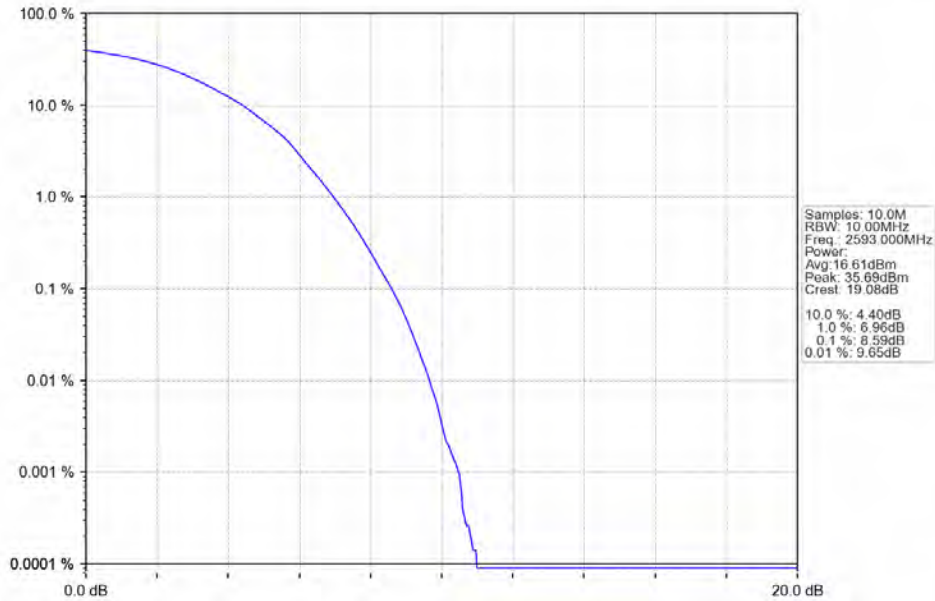
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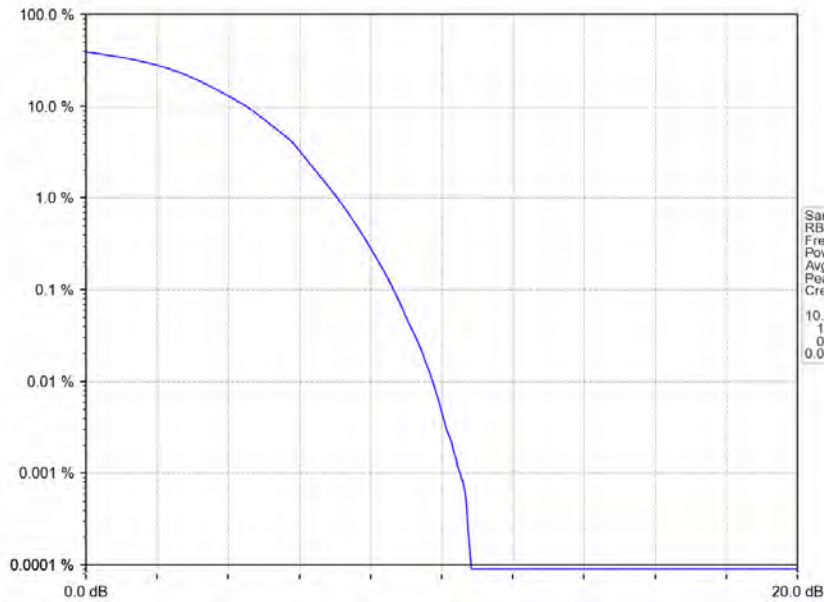
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Report No.: SUCR240400009001

Rev.: 01

Page: 134 of 219

Band41 10MHz 64QAM HCH 2685MHz RB 50 0 NTN



Samples: 10.0M
RBW: 10.00MHz
Freq: 2685.000MHz
Power:
Avg: 16.38dBm
Peak: 31.05dBm
Crest: 14.67dB
10.0 %: 4.50dB
1.0 %: 7.06dB
0.1 %: 8.64dB
0.01 %: 9.75dB

Band41 10MHz 256QAM LCH 2501MHz RB 50 0 NTN



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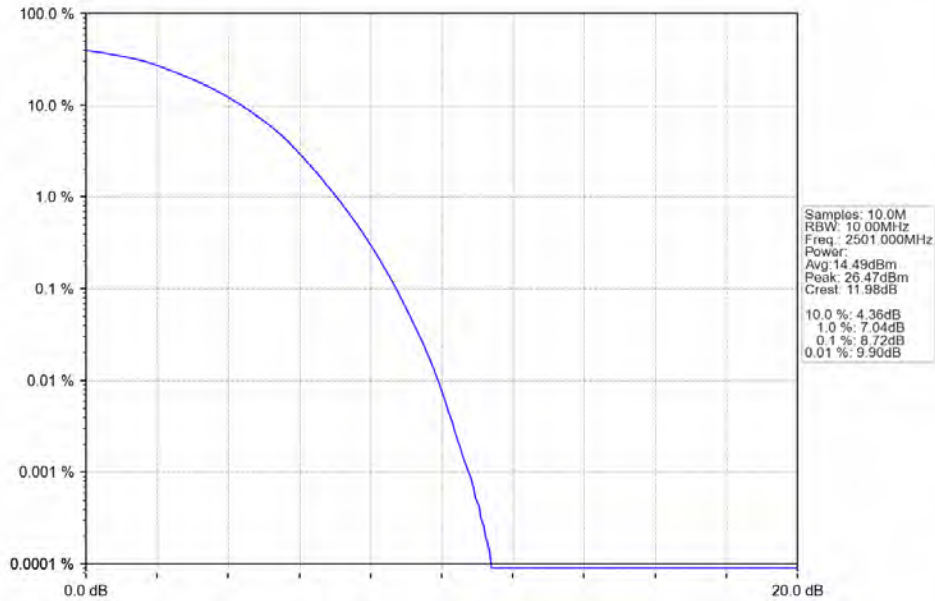
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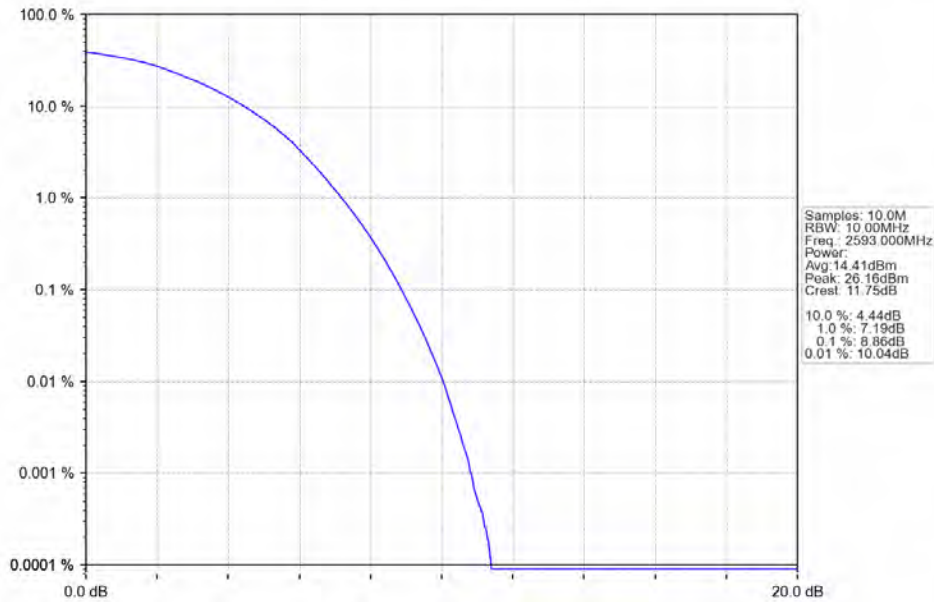
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Page: 136 of 219

Band41_10MHz_256QAM_MCH_2593MHz_RB_50_0_NTNV



Band41_10MHz_256QAM_HCH_2685MHz_RB_50_0_NTNV



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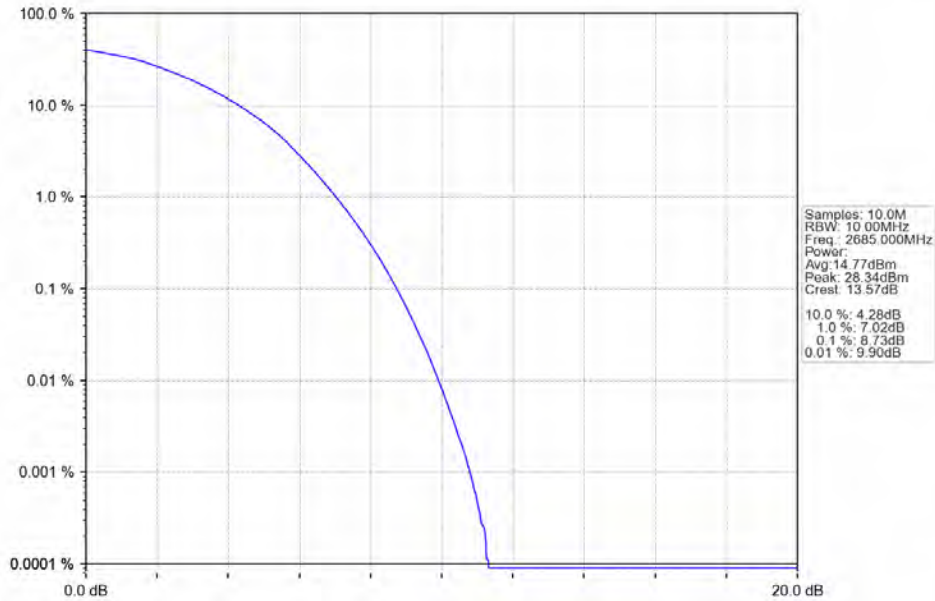
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Report No.: SUCR240400009001

Rev.: 01

Page: 138 of 219

5.3 B41_15MHz

5.3.1 Test Result

Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	75	0	7.35	<=13	Pass
	2593	75	0	6.99	<=13	Pass
	2682.5	75	0	7.47	<=13	Pass
16QAM	2503.5	75	0	8.61	<=13	Pass
	2593	75	0	8.46	<=13	Pass
	2682.5	75	0	7.74	<=13	Pass
64QAM	2503.5	75	0	8.79	<=13	Pass
	2593	75	0	8.46	<=13	Pass
	2682.5	75	0	8.45	<=13	Pass
256QAM	2503.5	75	0	8.67	<=13	Pass
	2593	75	0	8.88	<=13	Pass
	2682.5	75	0	8.82	<=13	Pass



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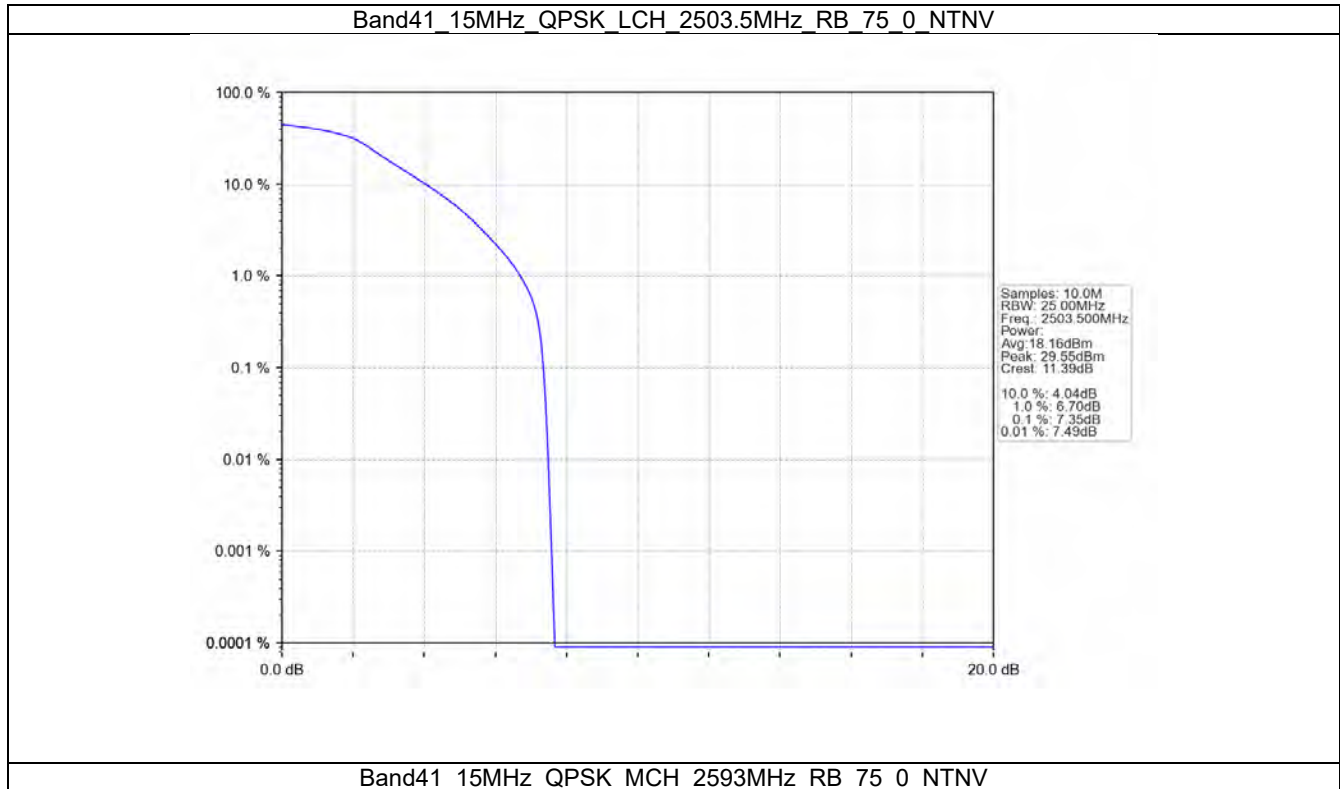
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5.3.2 Test Graph



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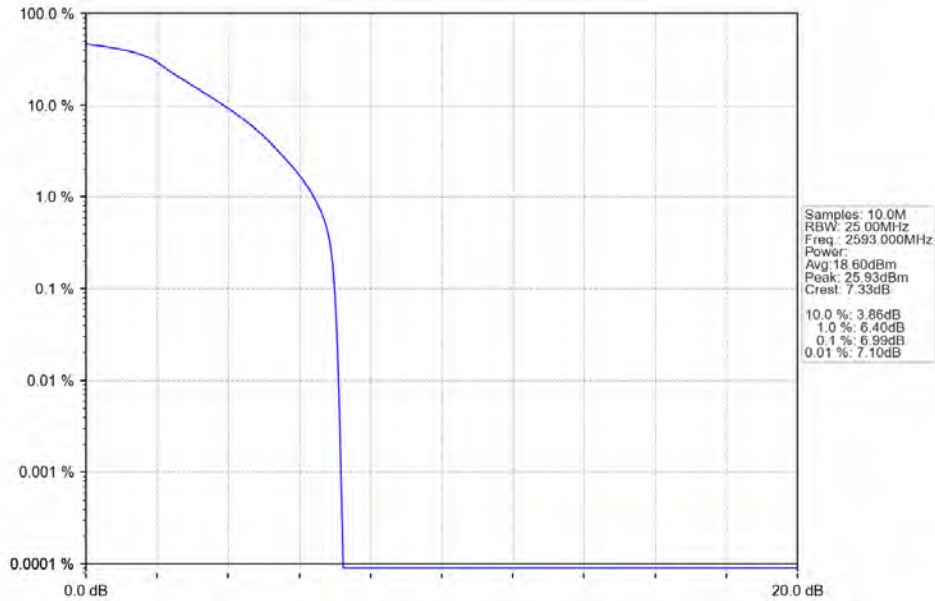
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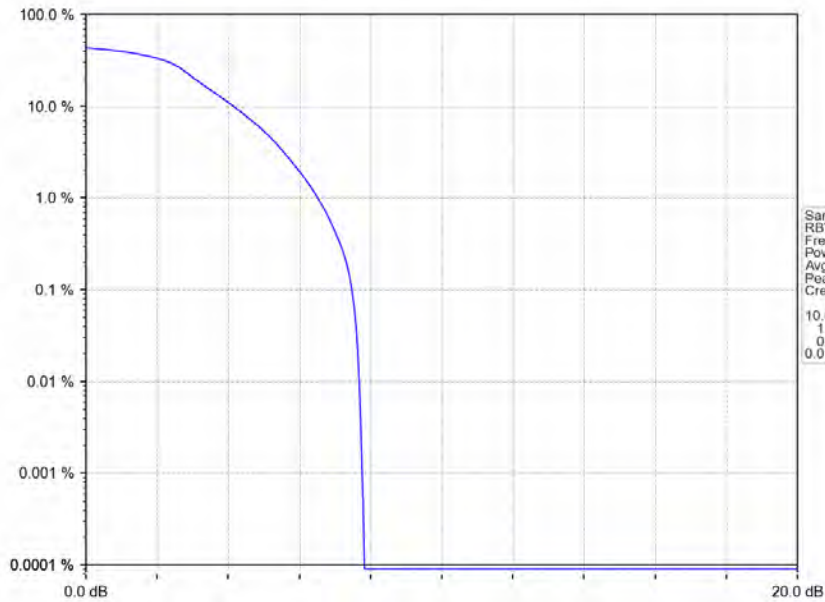
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Rev.: 01

Page: 141 of 219

Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



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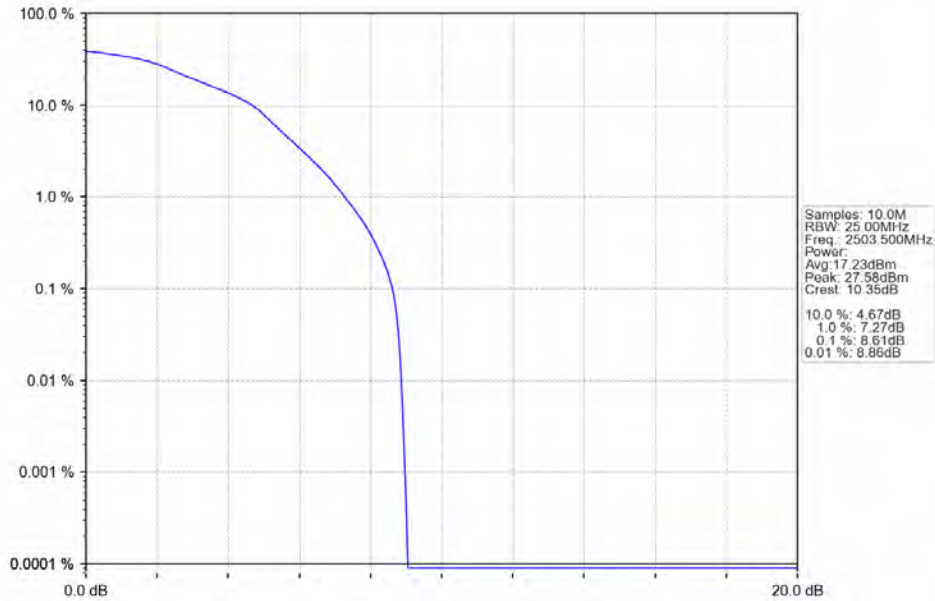
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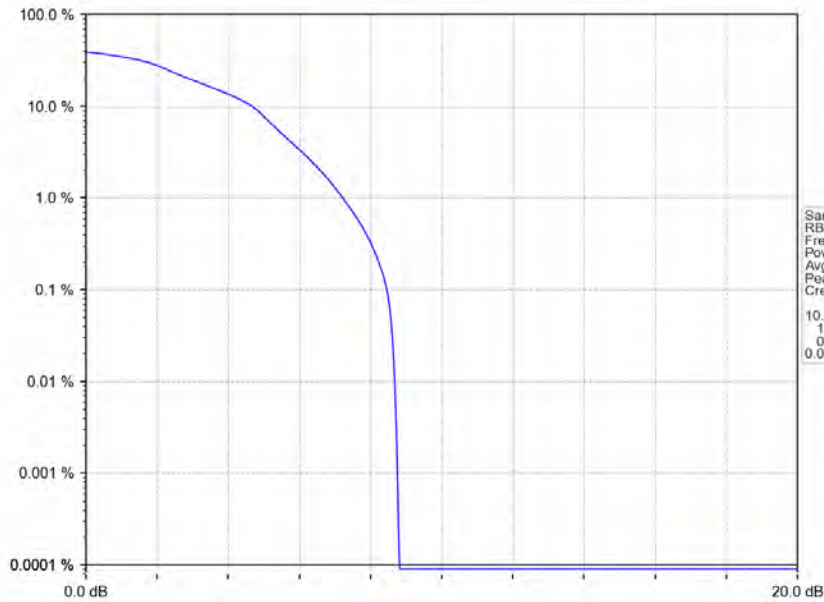
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Report No.: SUCR240400009001

Rev.: 01

Page: 143 of 219

Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



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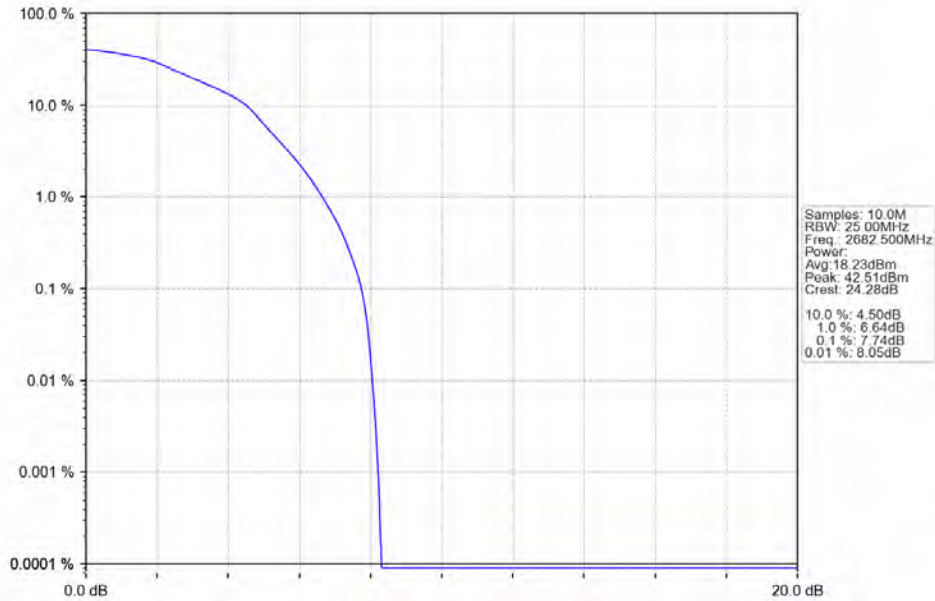
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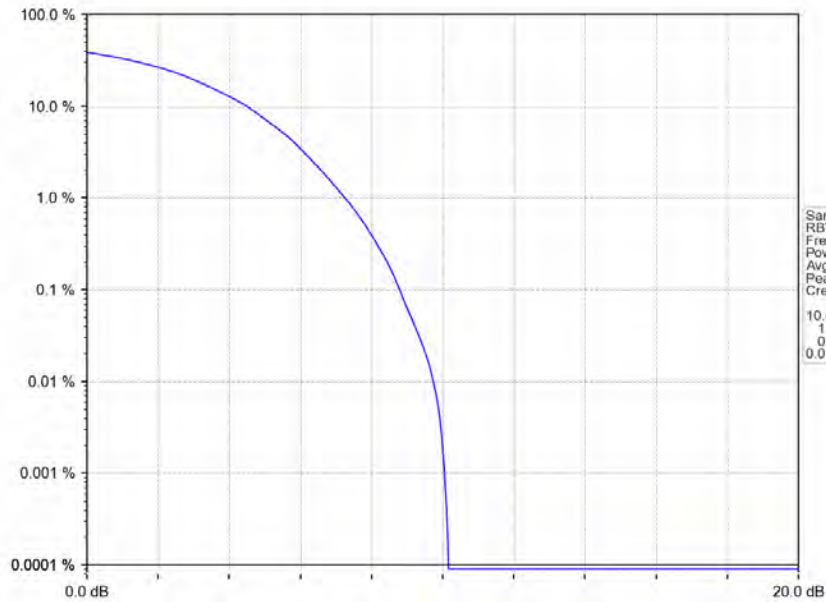
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Report No.: SUCR240400009001

Rev.: 01

Page: 145 of 219

Band41_15MHz_64QAM_LCH_2503.5MHz_RB_75_0_NTNV



Samples: 10.0M
RBW: 25.00MHz
Freq: 2503.500MHz
Power:
Avg: 16.46dBm
Peak: 31.93dBm
Crest: 15.47dB
10.0 %: 4.49dB
1.0 %: 7.25dB
0.1 %: 8.79dB
0.01 %: 9.73dB

Band41_15MHz_64QAM_MCH_2593MHz_RB_75_0_NTNV



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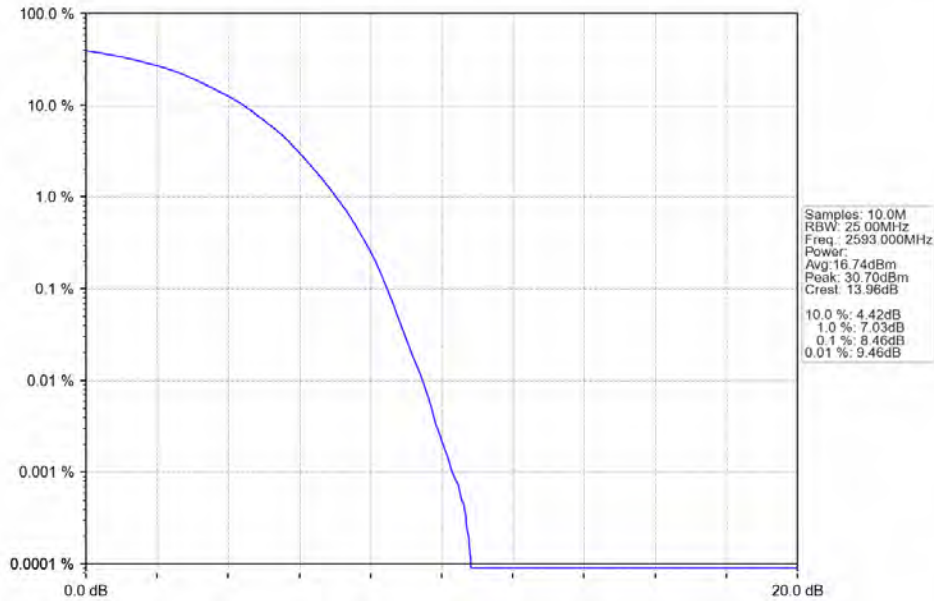
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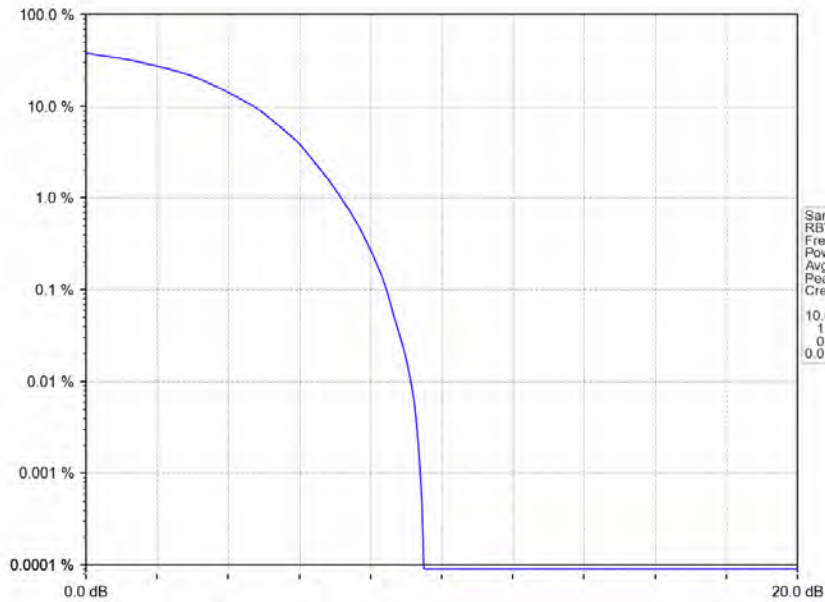
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Band41_15MHz_256QAM_LCH_2503.5MHz_RB_75_0_NTNV



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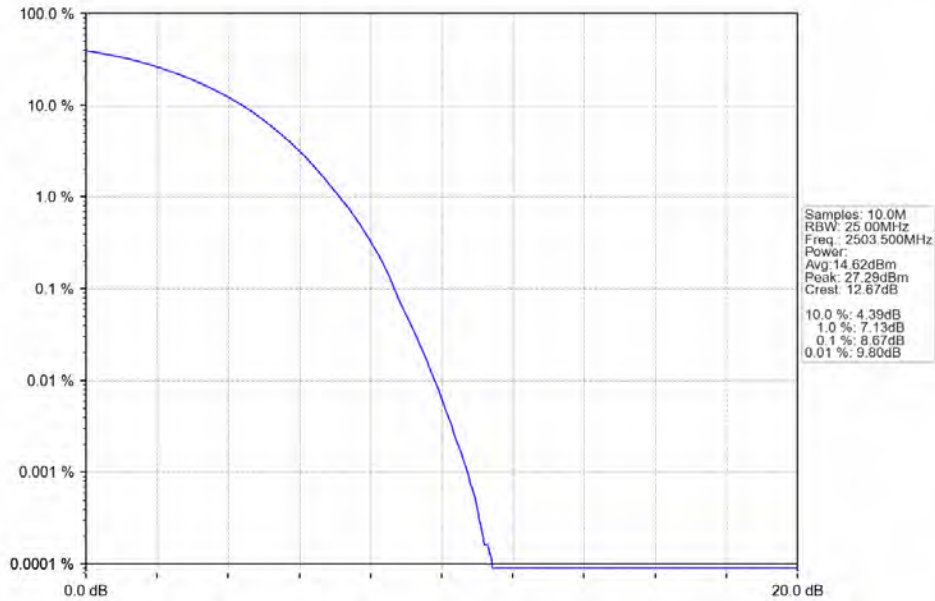
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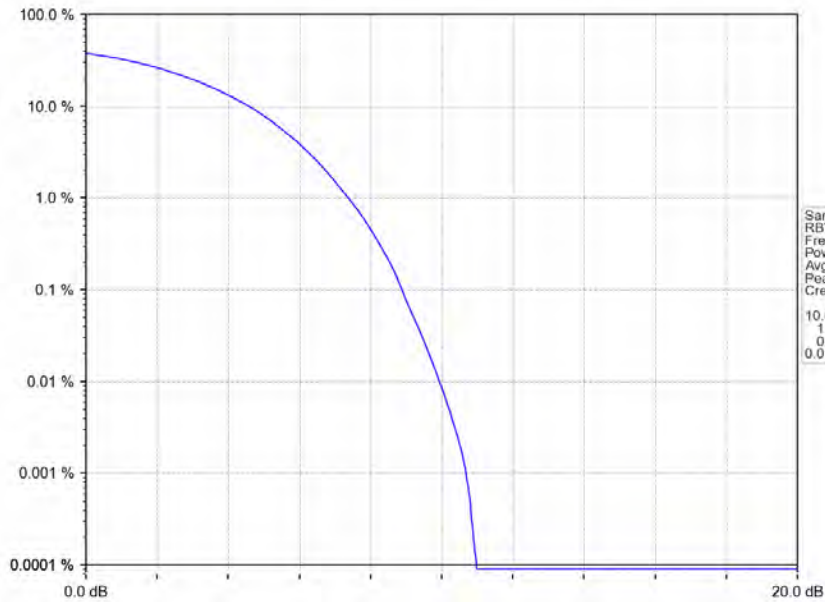
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Band41_15MHz_256QAM_HCH_2682.5MHz_RB_75_0_NTNV



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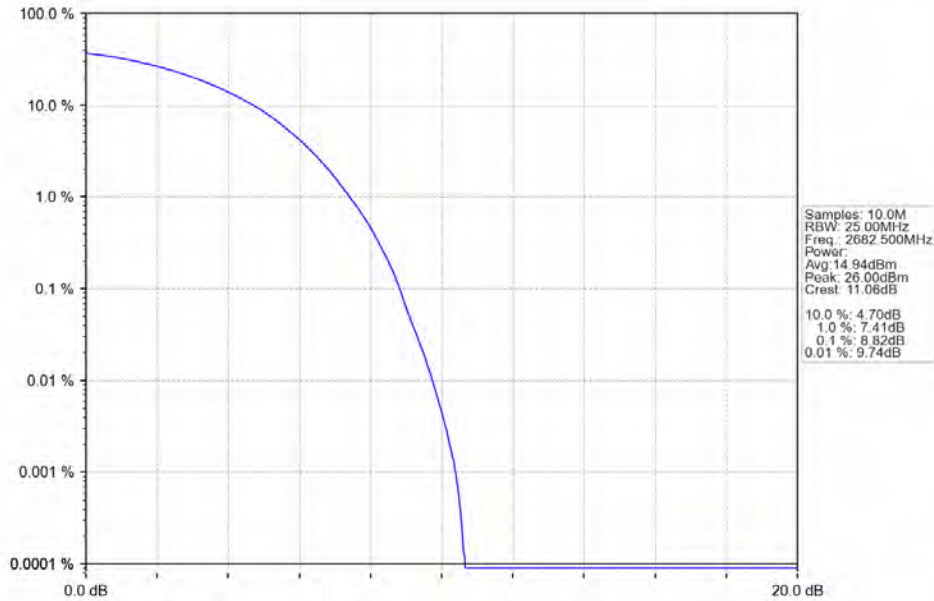
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Report No.: SUCR240400009001
 Rev.: 01
 Page: 151 of 219

5.4 B41_20MHz

5.4.1 Test Result

Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	100	0	7.24	<=13	Pass
	2593	100	0	7.05	<=13	Pass
	2680	100	0	7.38	<=13	Pass
16QAM	2506	100	0	8.08	<=13	Pass
	2593	100	0	8.12	<=13	Pass
	2680	100	0	7.73	<=13	Pass
64QAM	2506	100	0	8.24	<=13	Pass
	2593	100	0	12.92	<=13	Pass
	2680	100	0	8.35	<=13	Pass
256QAM	2506	100	0	8.57	<=13	Pass
	2593	100	0	8.81	<=13	Pass
	2680	100	0	8.73	<=13	Pass



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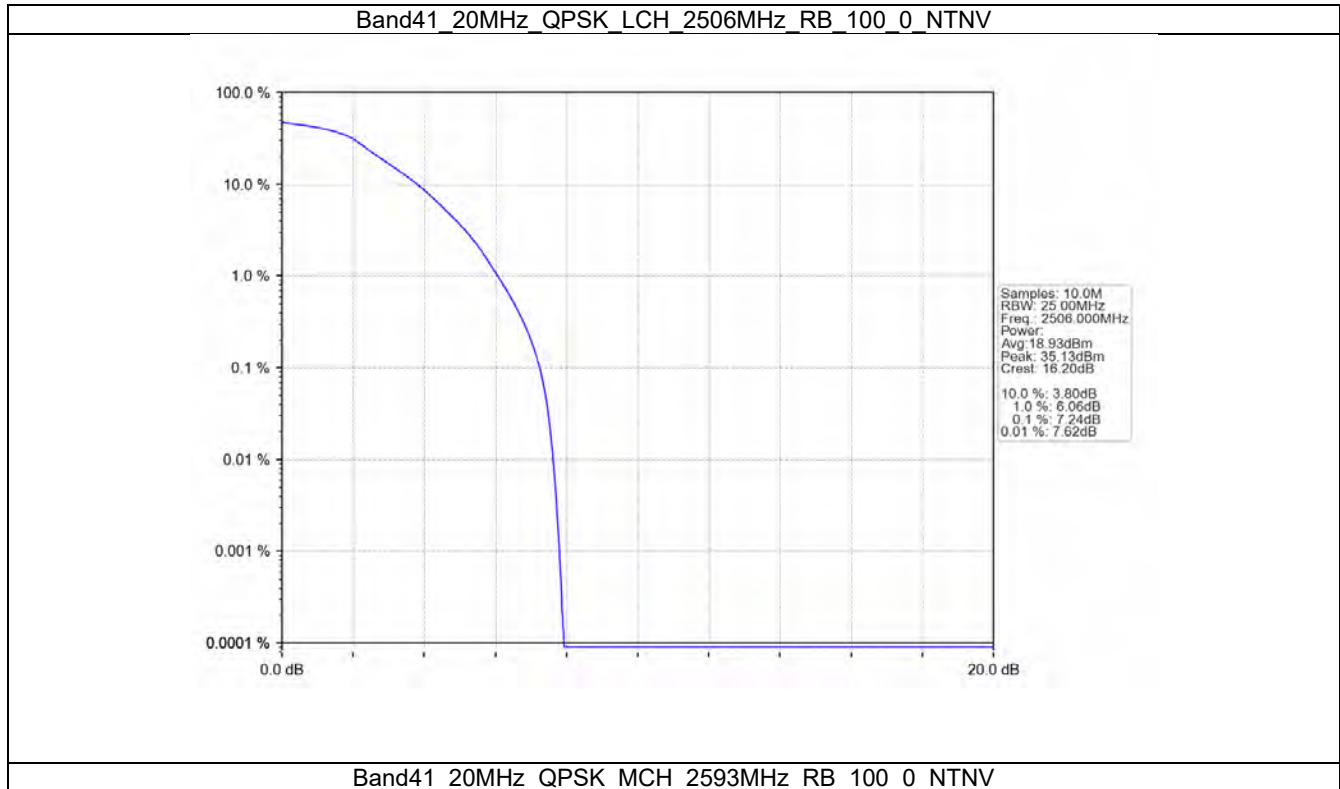
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5.4.2 Test Graph



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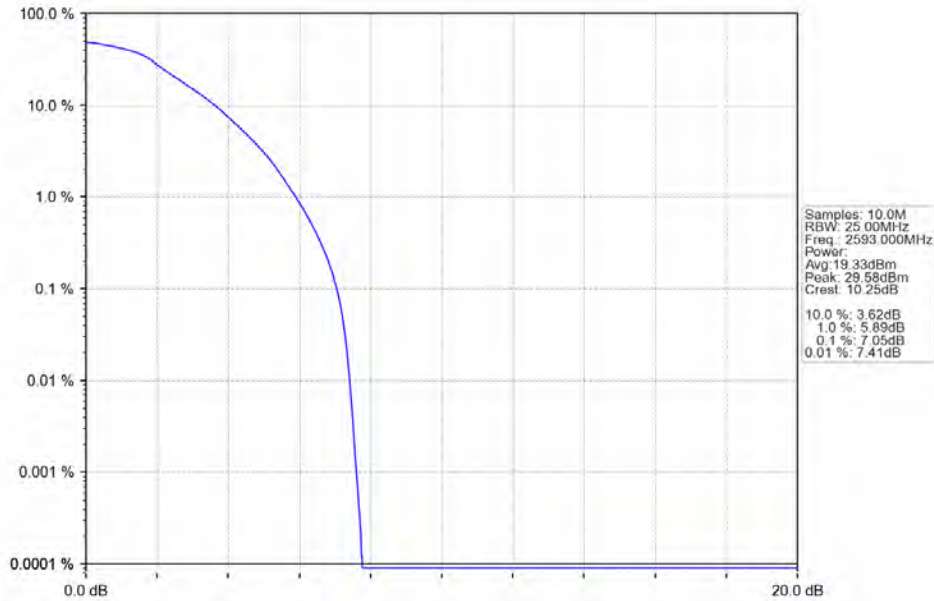
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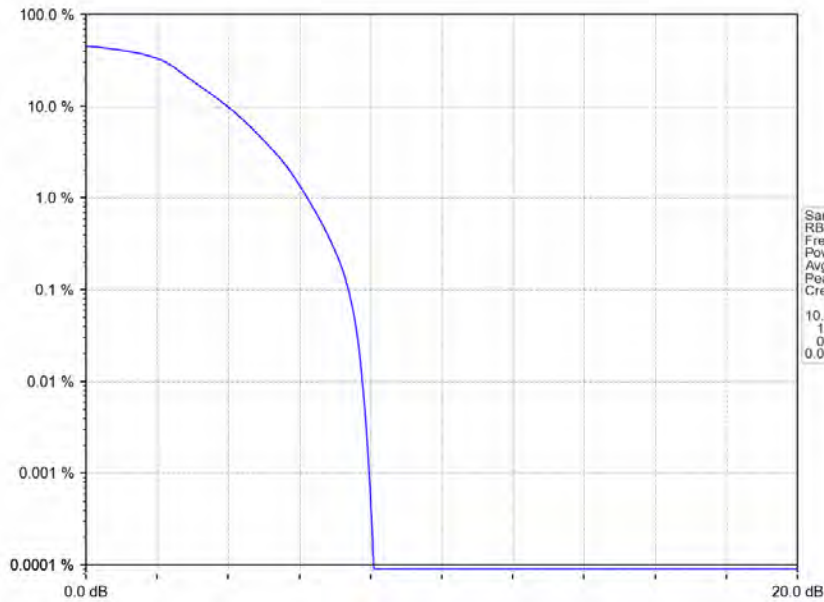
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Report No.: SUCR240400009001

Rev.: 01

Page: 154 of 219

Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTN



Samples: 10.0M
RBW: 25.00MHz
Freq: 2680.000MHz
Power:
Avg: 18.91dBm
Peak: 36.71dBm
Crest: 17.80dB
10.0%: 3.97dB
1.0%: 6.22dB
0.1%: 7.38dB
0.01%: 7.77dB

Band41 20MHz 16QAM LCH 2506MHz RB 100 0 NTN



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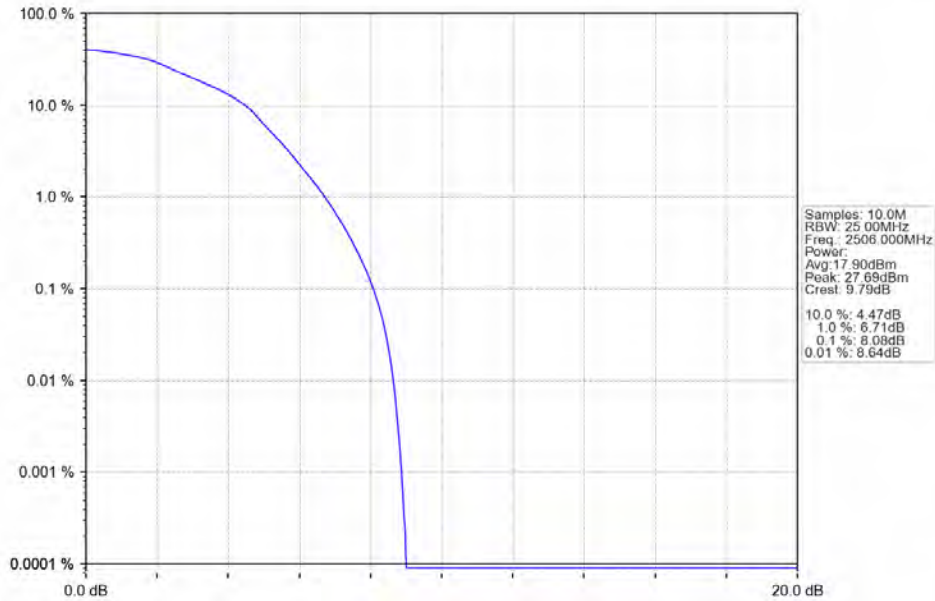
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Rev.: 01

Page: 155 of 219



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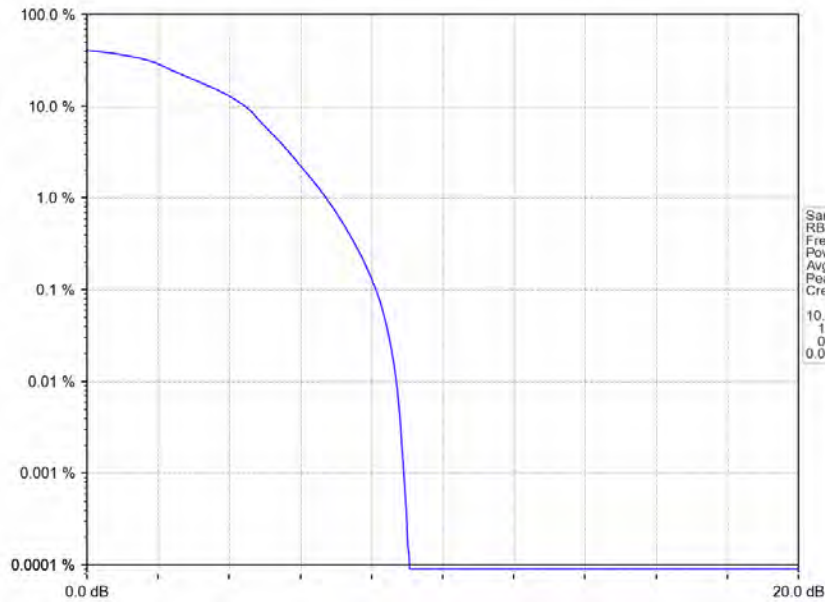
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Report No.: SUCR240400009001

Rev.: 01

Page: 156 of 219

Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



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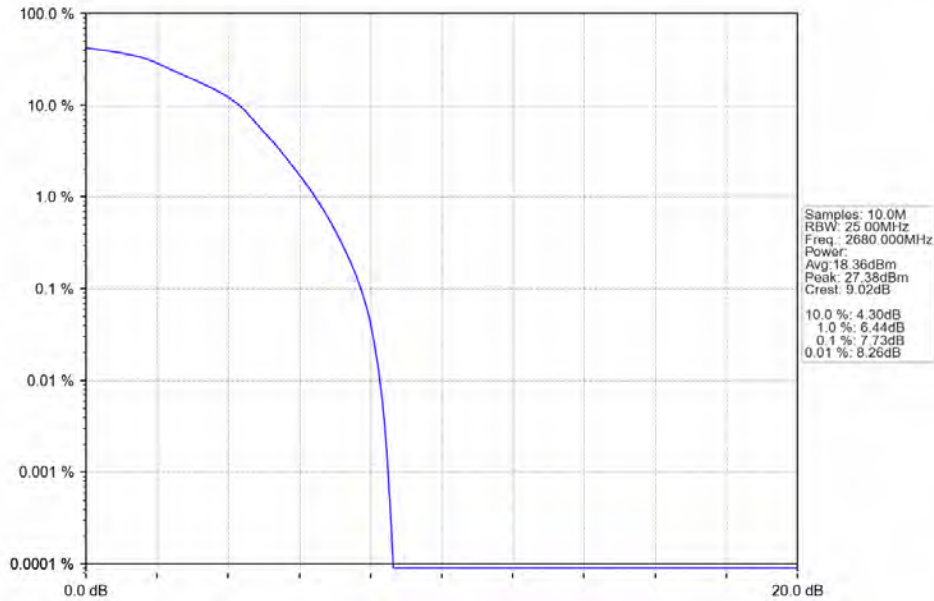
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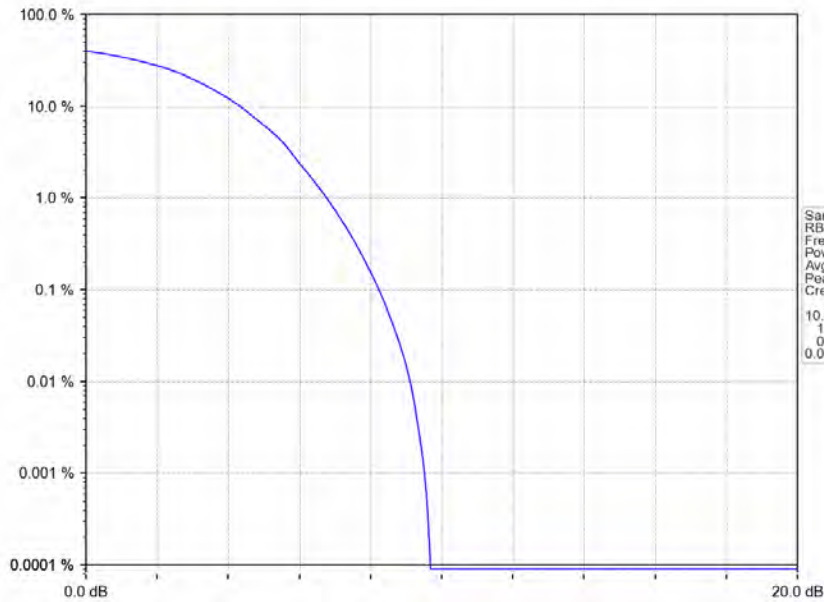
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Report No.: SUCR240400009001

Rev.: 01

Page: 158 of 219

Band41_20MHz_64QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV



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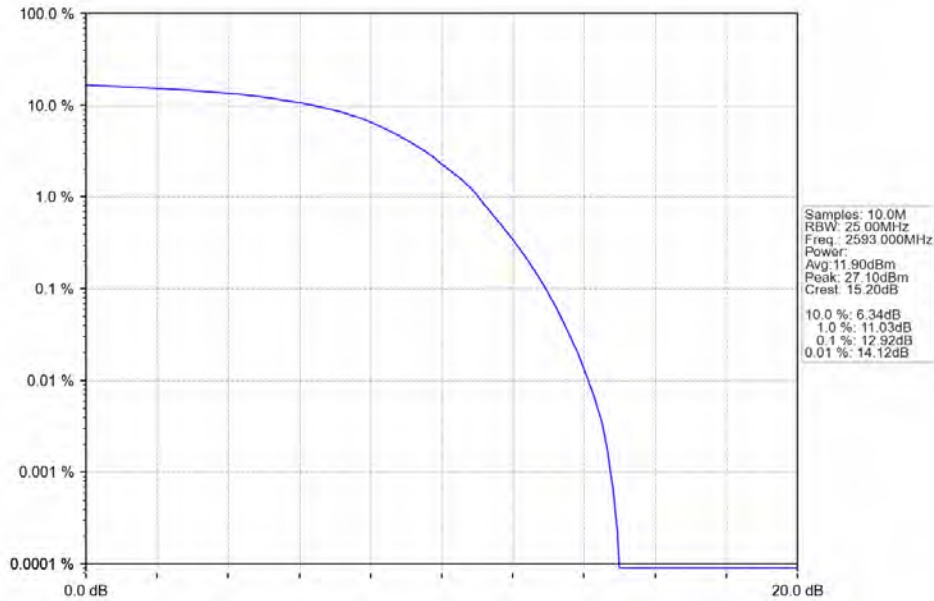
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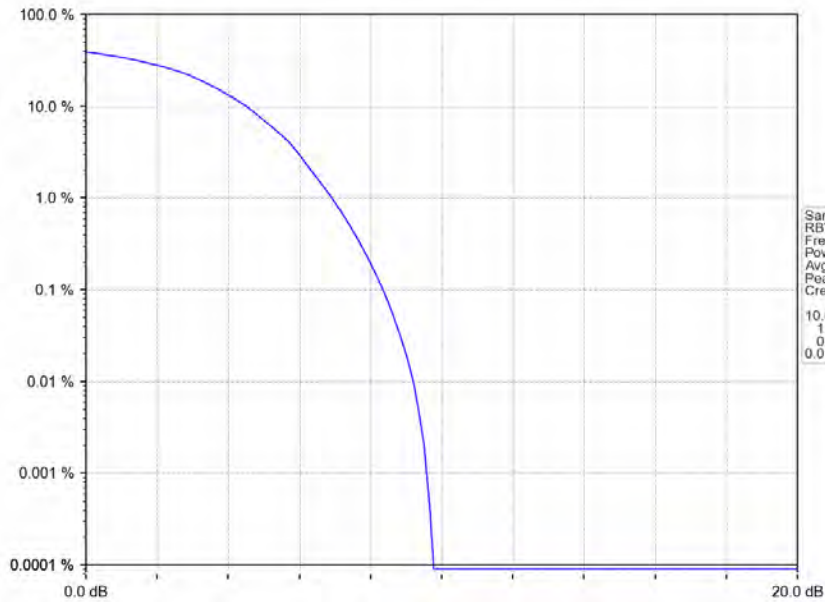
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Band41_20MHz_256QAM_LCH_2506MHz_RB_100_0_NTNV



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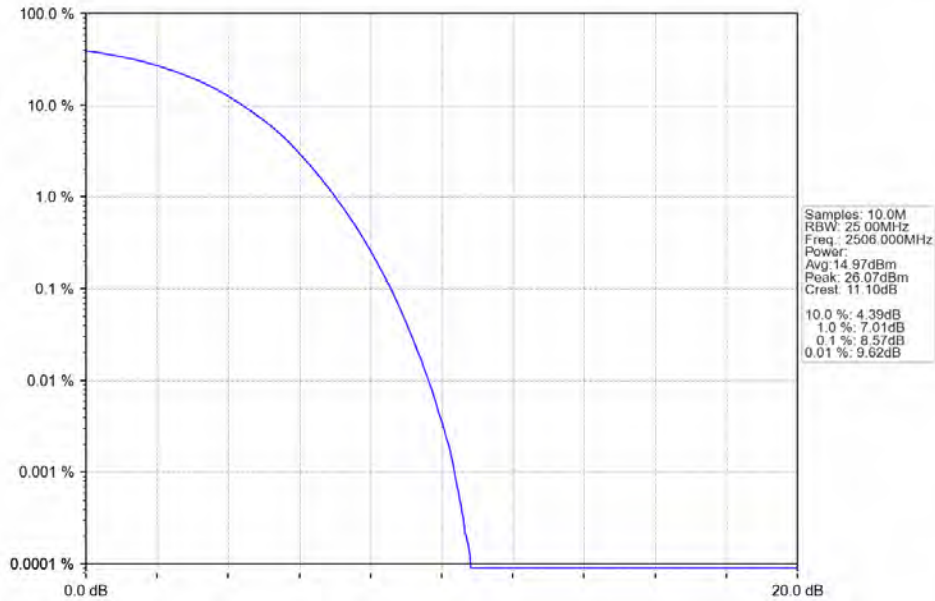
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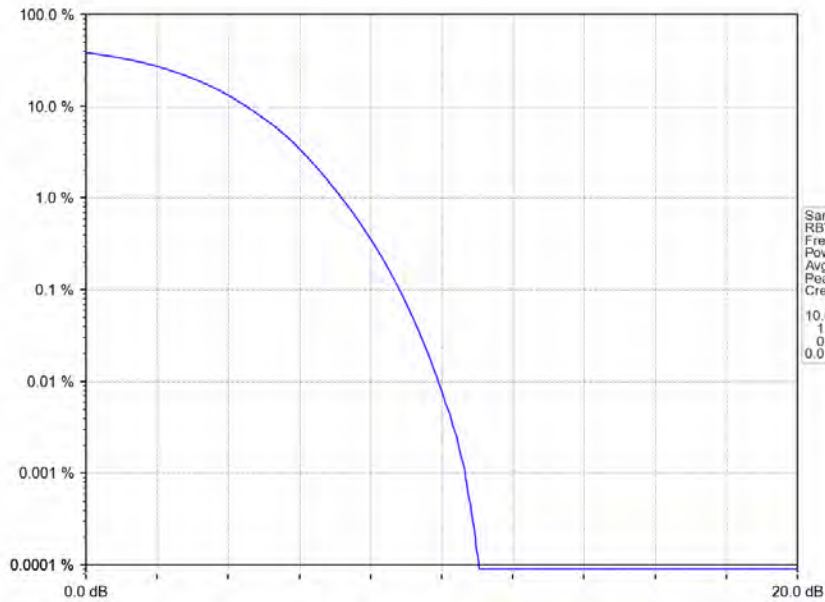
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Band41 20MHz 256QAM MCH 2593MHz RB 100 0 NTN



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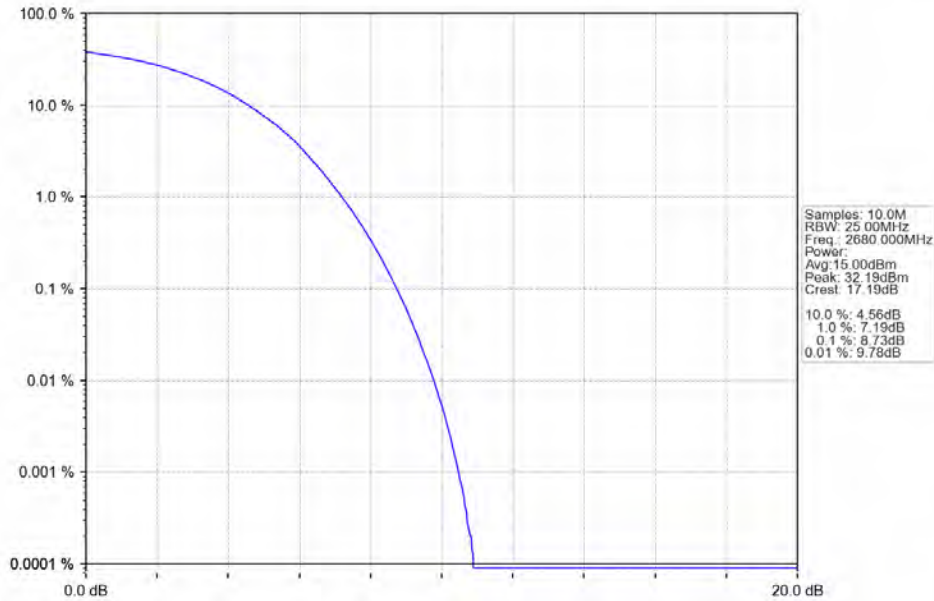
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Page: 164 of 219

6. Spurious Emission & Band Edges

6.1 B41_5MHz

6.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2687.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass



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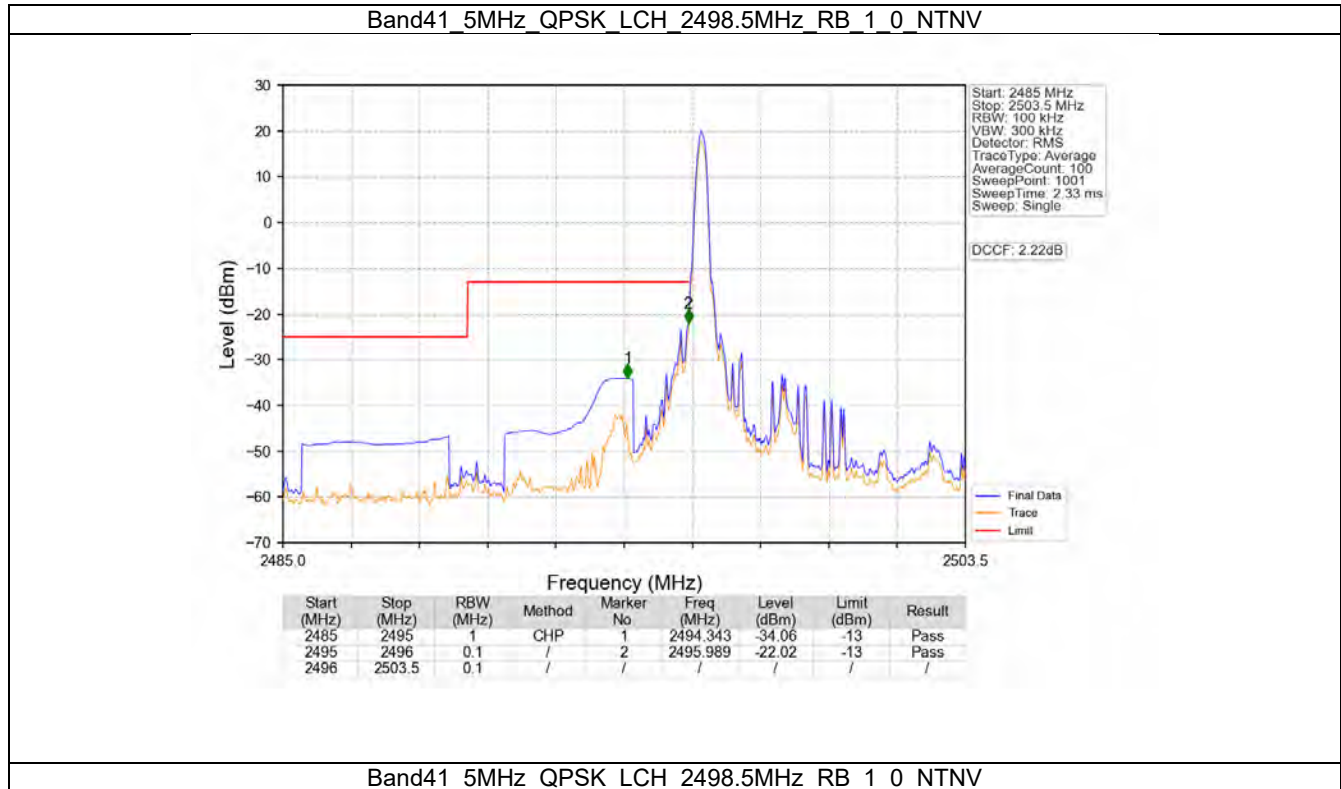
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6.1.2 Test Graph



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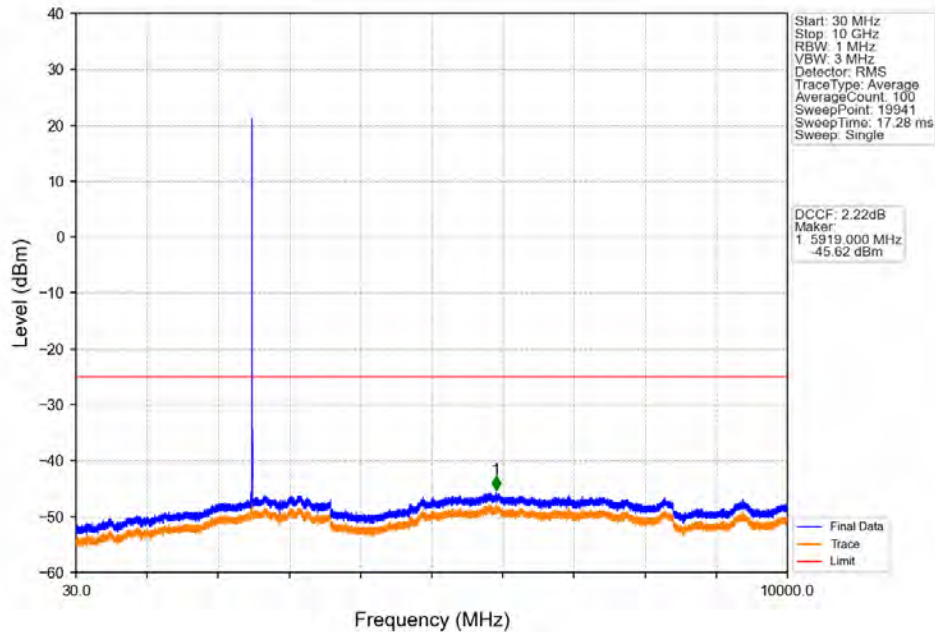
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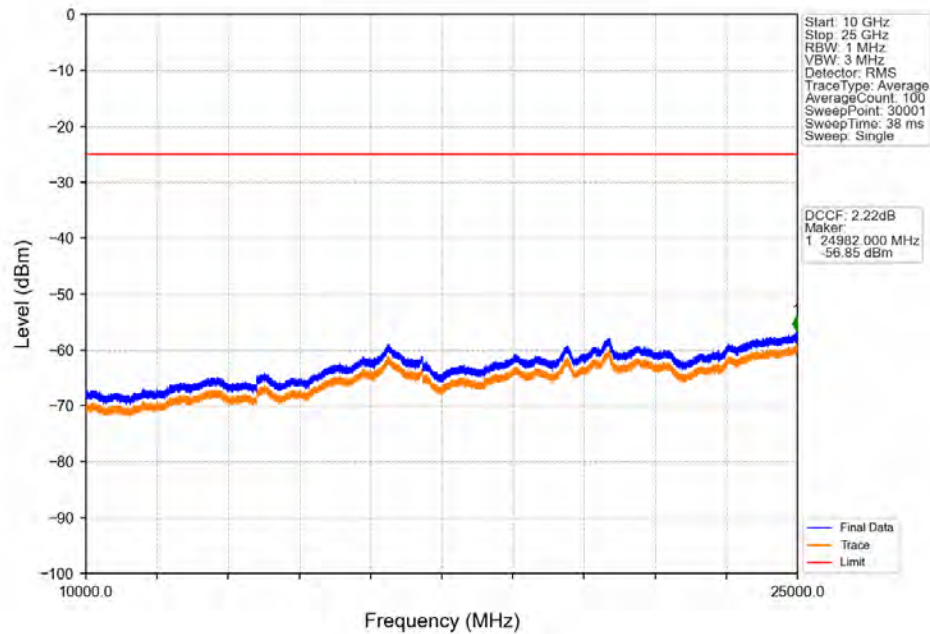
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Rev.: 01

Page: 167 of 219

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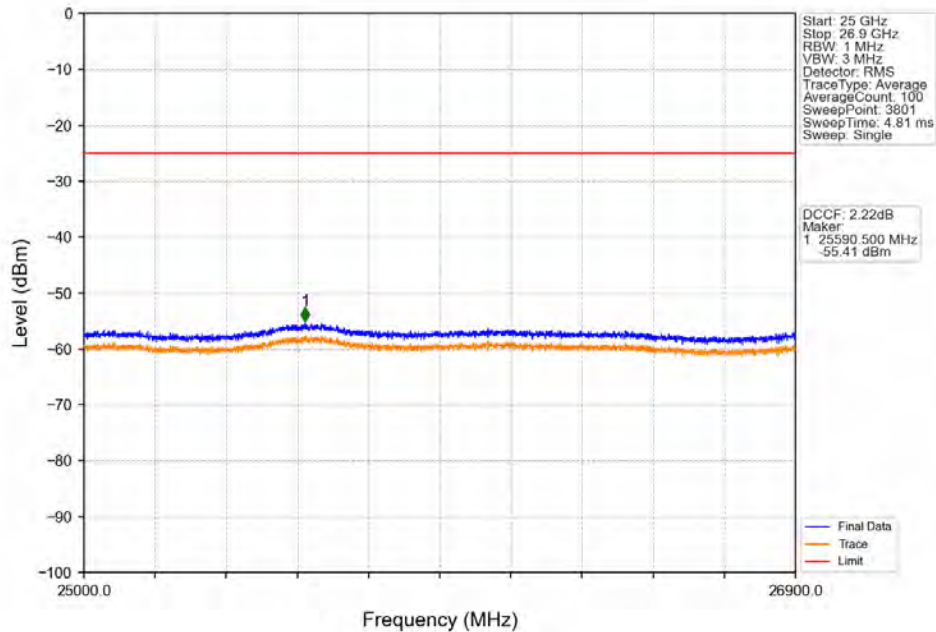
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Rev.: 01

Page: 168 of 219



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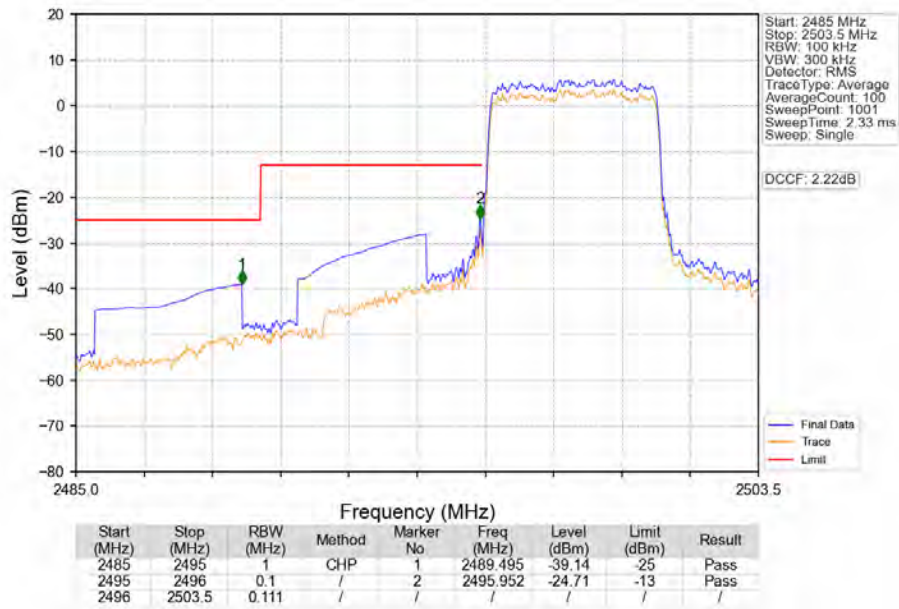
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Report No.: SUCR240400009001

Rev.: 01

Page: 169 of 219

Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



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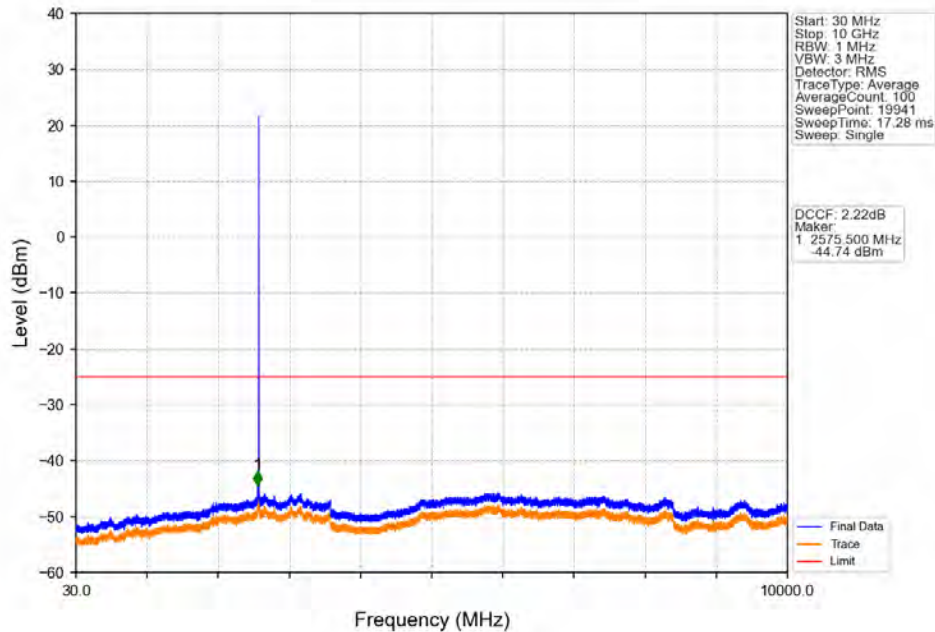
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Rev.: 01

Page: 170 of 219



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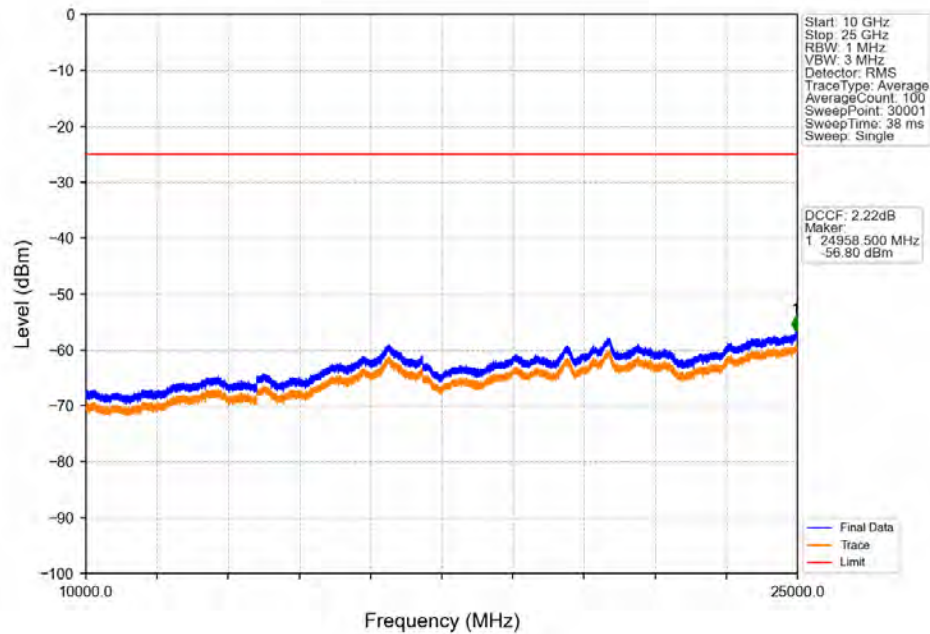
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Report No.: SUCR240400009001

Rev.: 01

Page: 171 of 219

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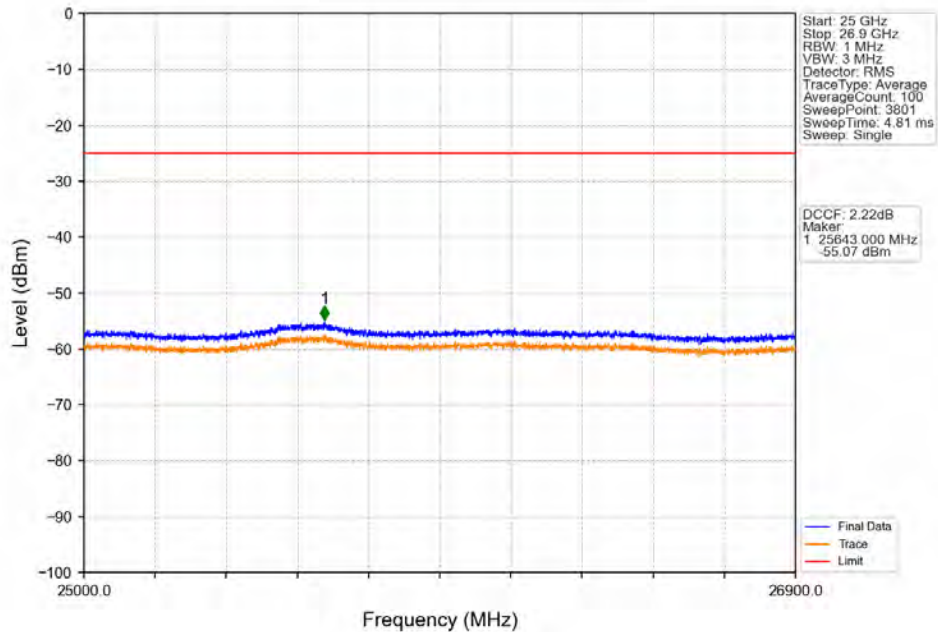
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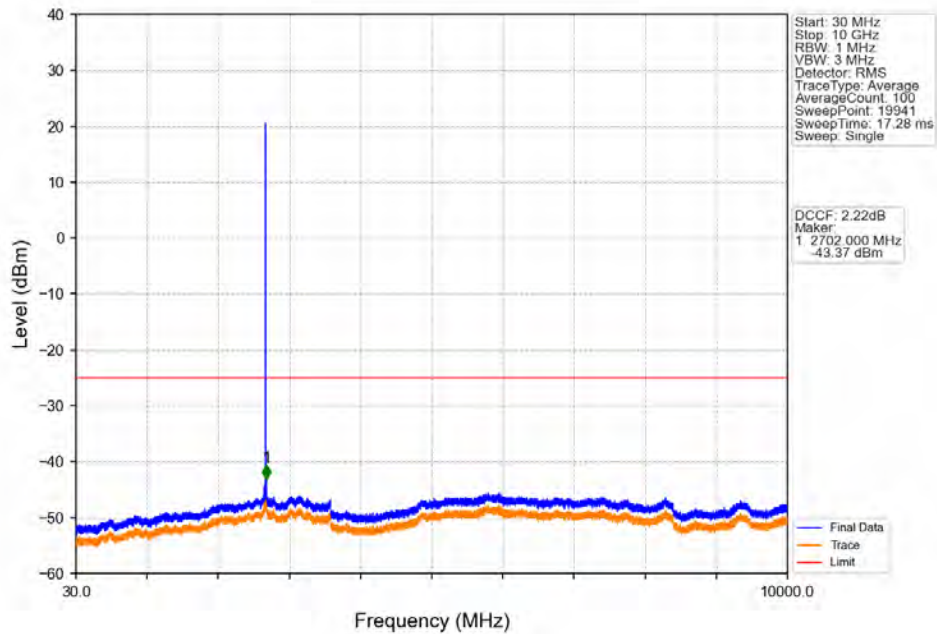
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Rev.: 01

Page: 173 of 219

Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



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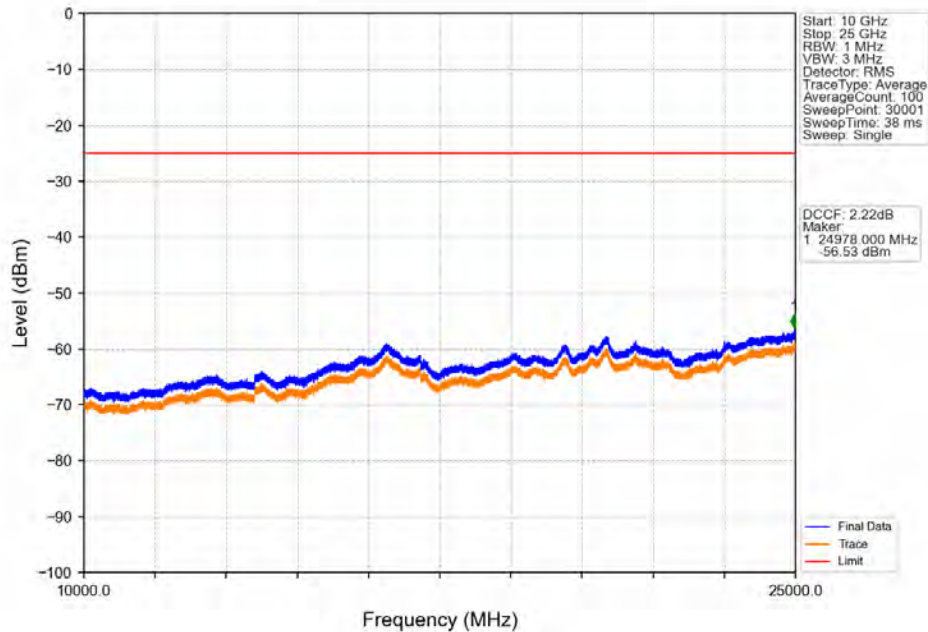
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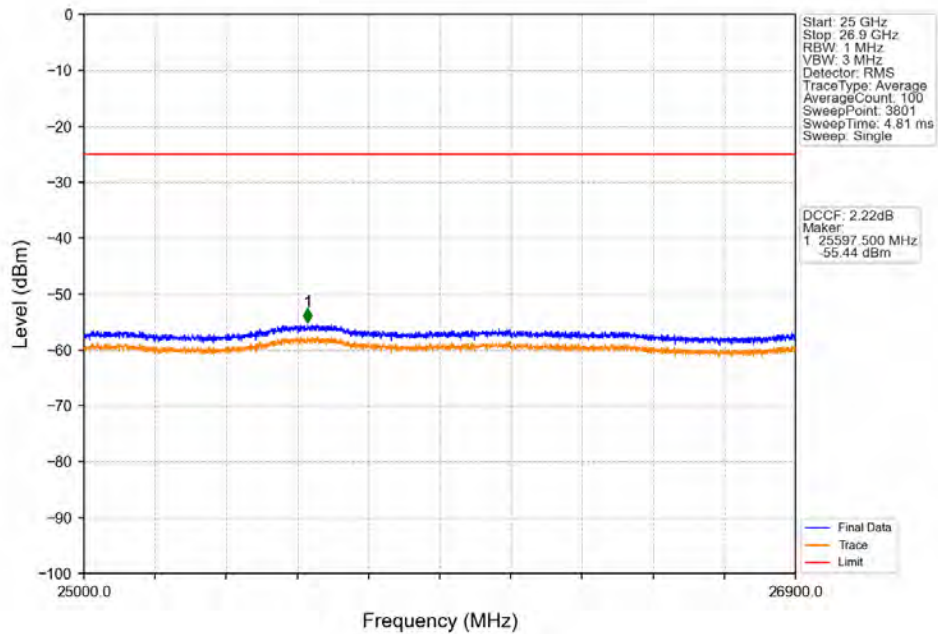
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Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_24_NTNV



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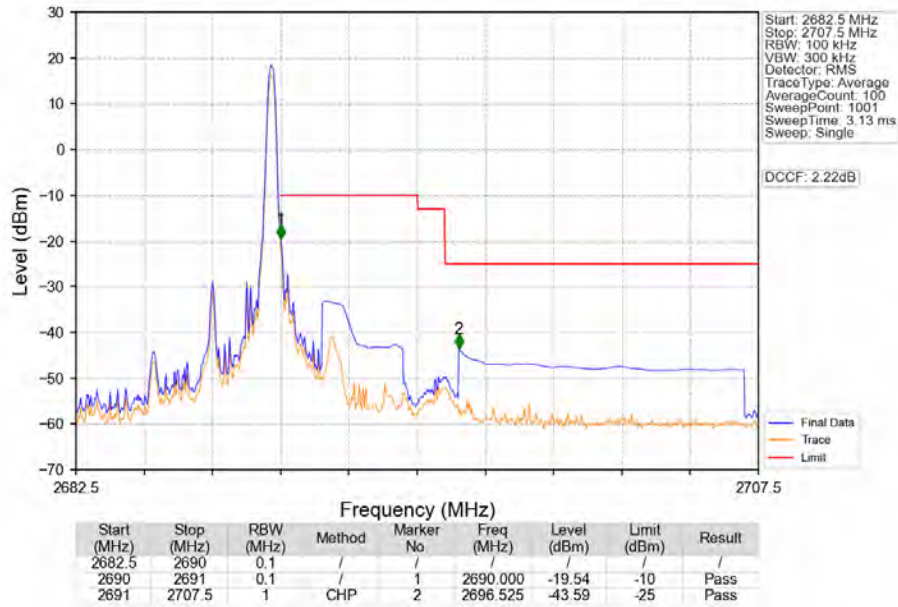
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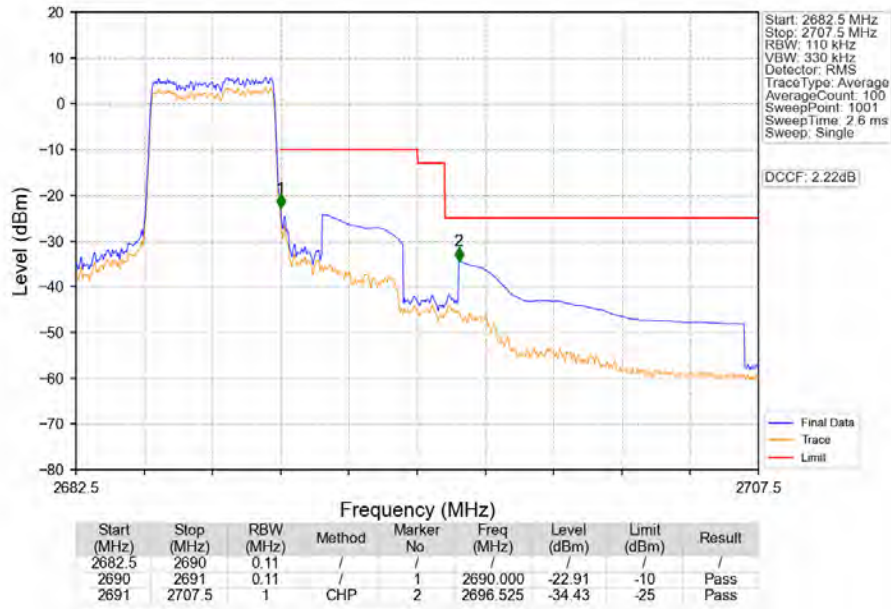
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Rev.: 01

Page: 178 of 219

6.2 B41_10MHz

6.2.1 Test Result

Band: 41 / Bandwidth: 10MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	2501	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	2593	1	0	Refer To Test Graph	Pass
	2685	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass



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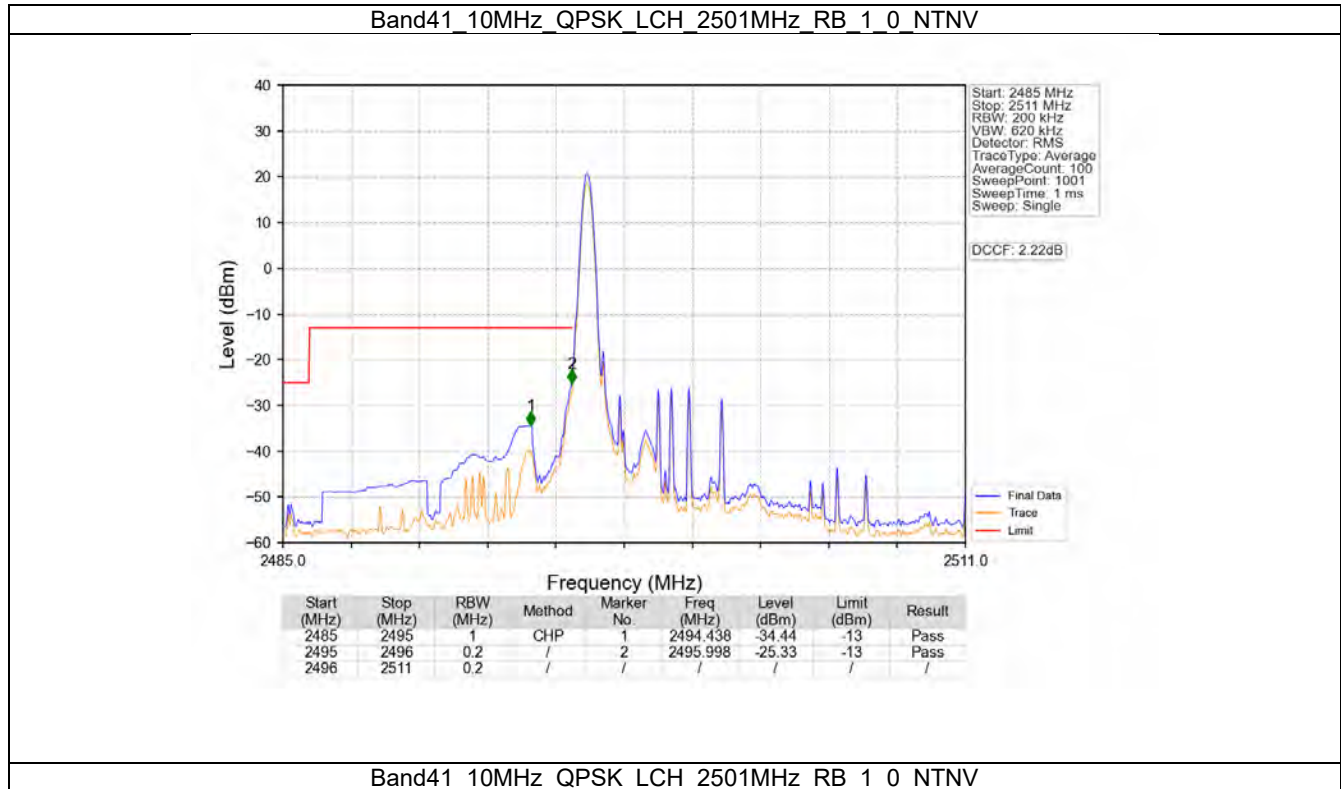
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6.2.2 Test Graph



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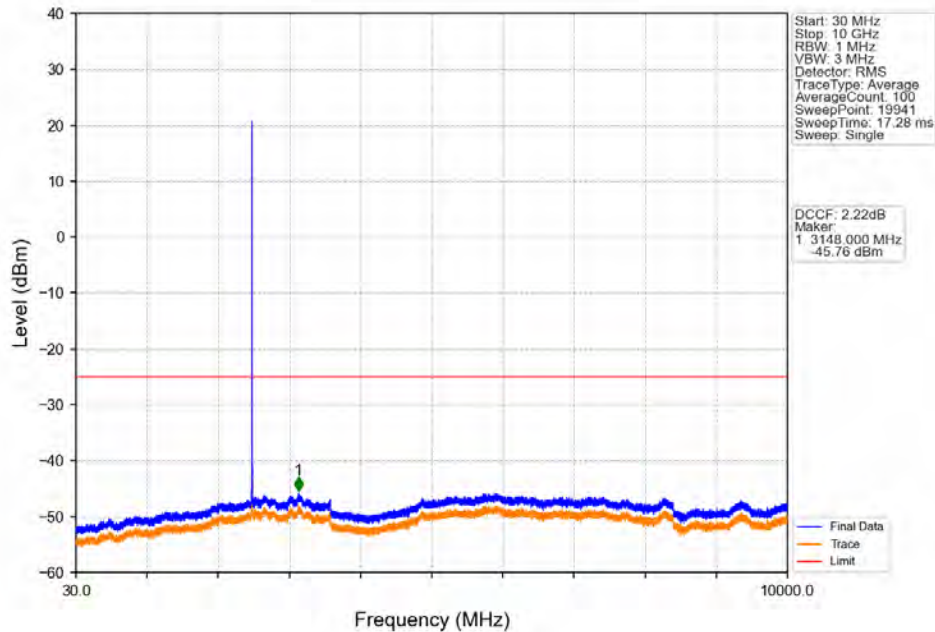
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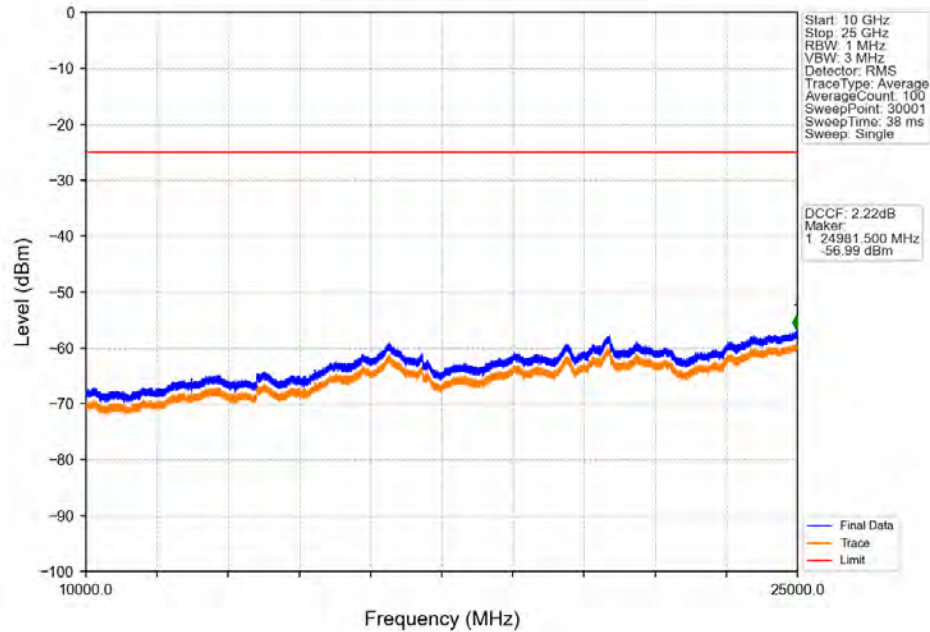
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Report No.: SUCR240400009001

Rev.: 01

Page: 181 of 219

Band41 10MHz QPSK LCH 2501MHz RB 1 0 NTNV



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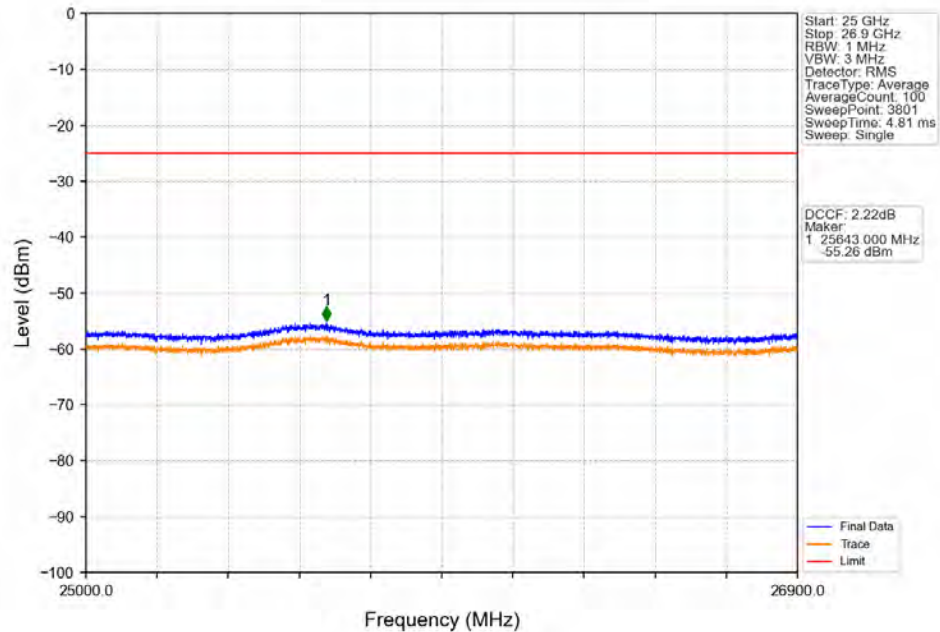
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Page: 182 of 219



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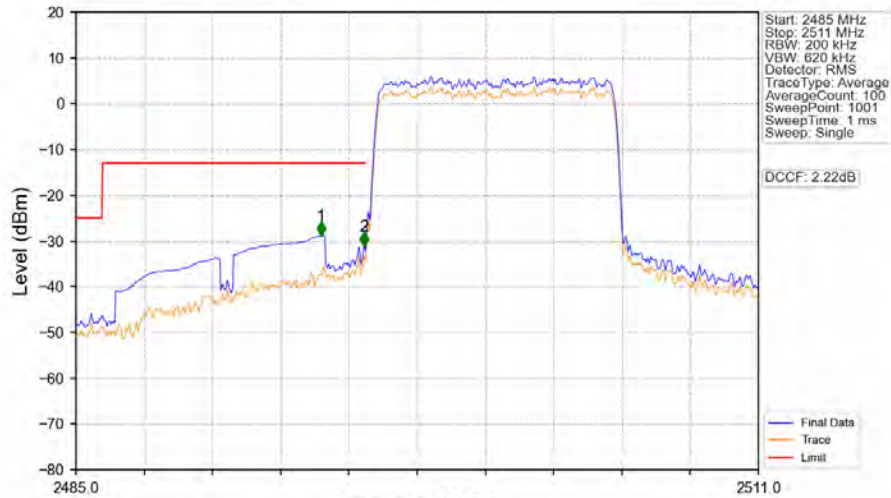
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Report No.: SUCR240400009001

Rev.: 01

Page: 183 of 219

Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2484.334	-28.89	-13	Pass
2495	2496	0.2	/	2	2495.972	-31.12	-13	Pass
2496	2511	0.206	/	/	/	/	/	/

Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



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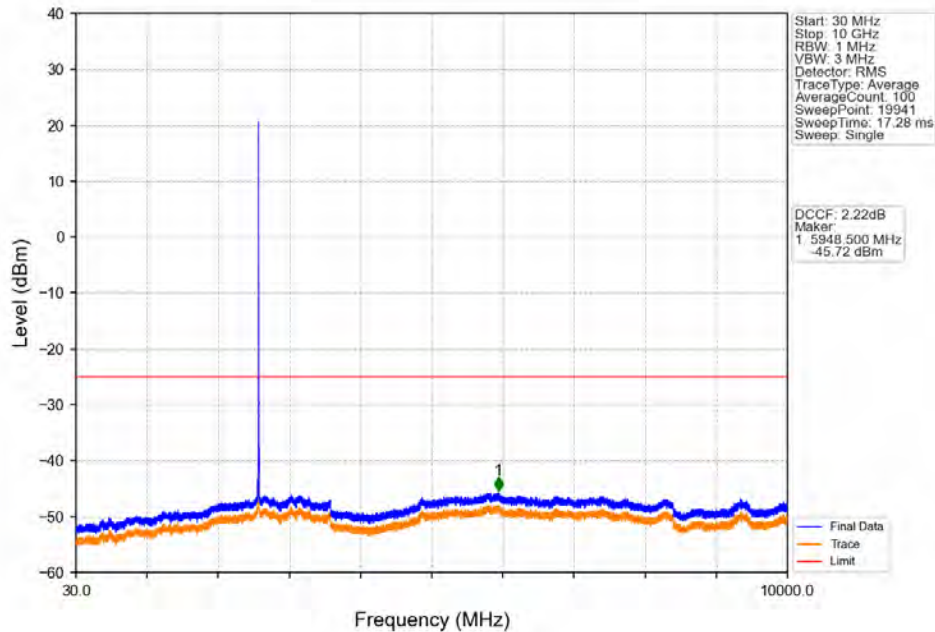
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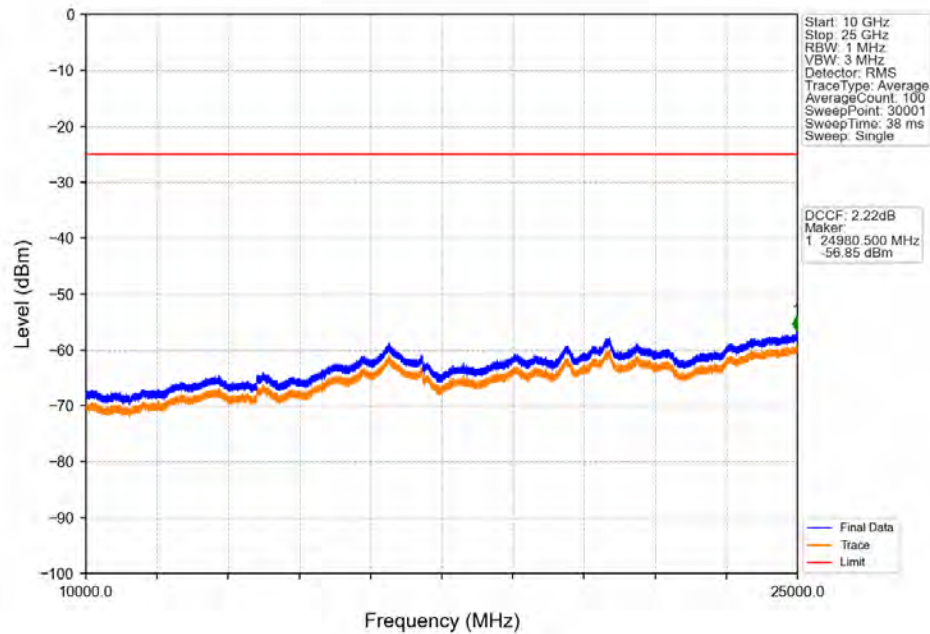
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Rev.: 01

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Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



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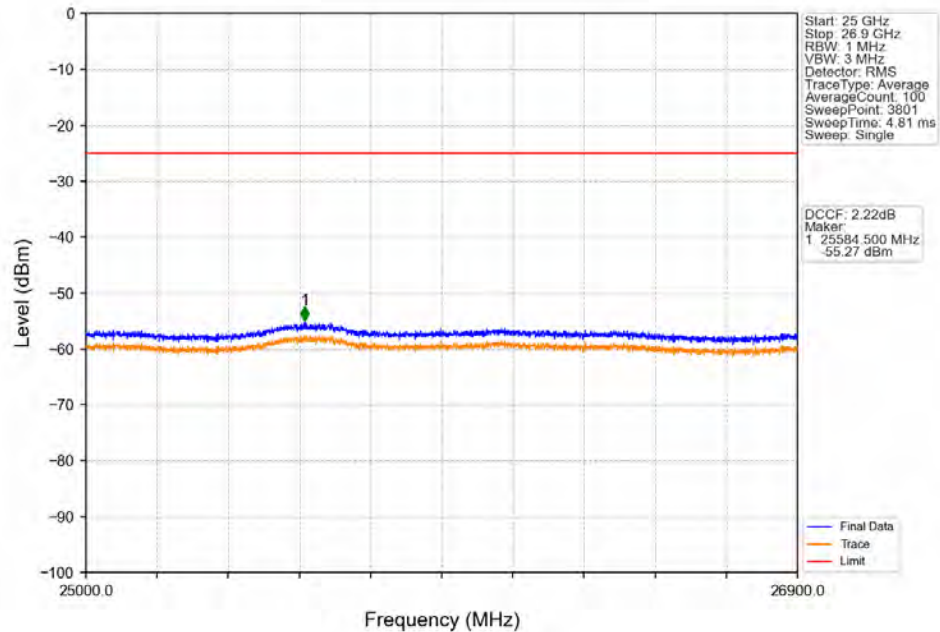
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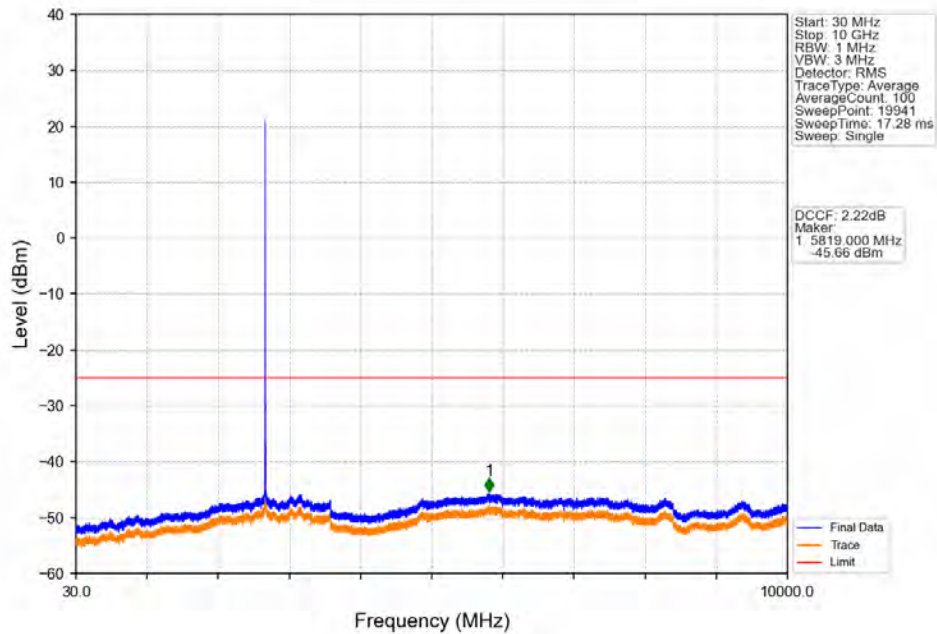
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Report No.: SUCR240400009001

Rev.: 01

Page: 187 of 219

Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



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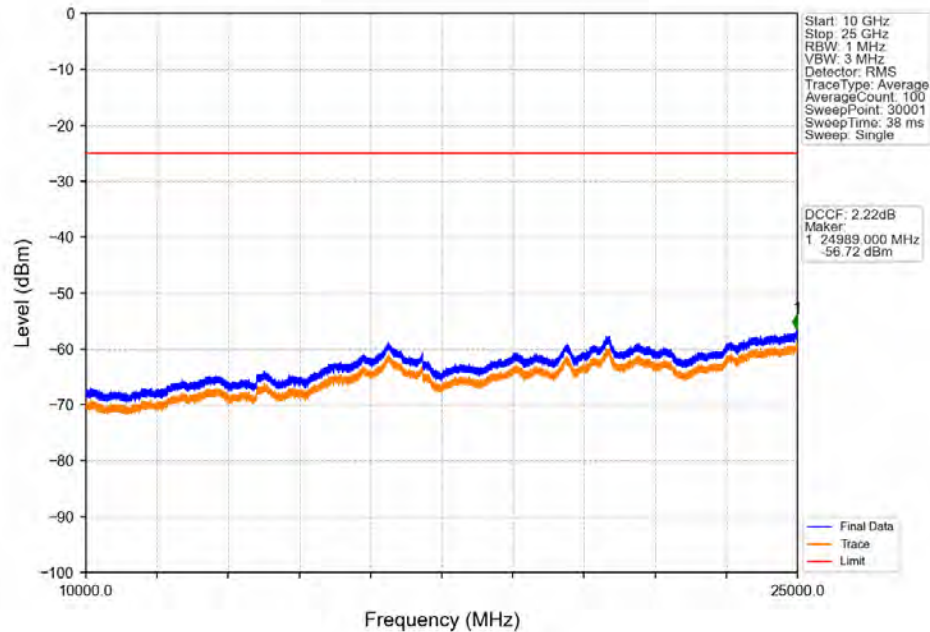
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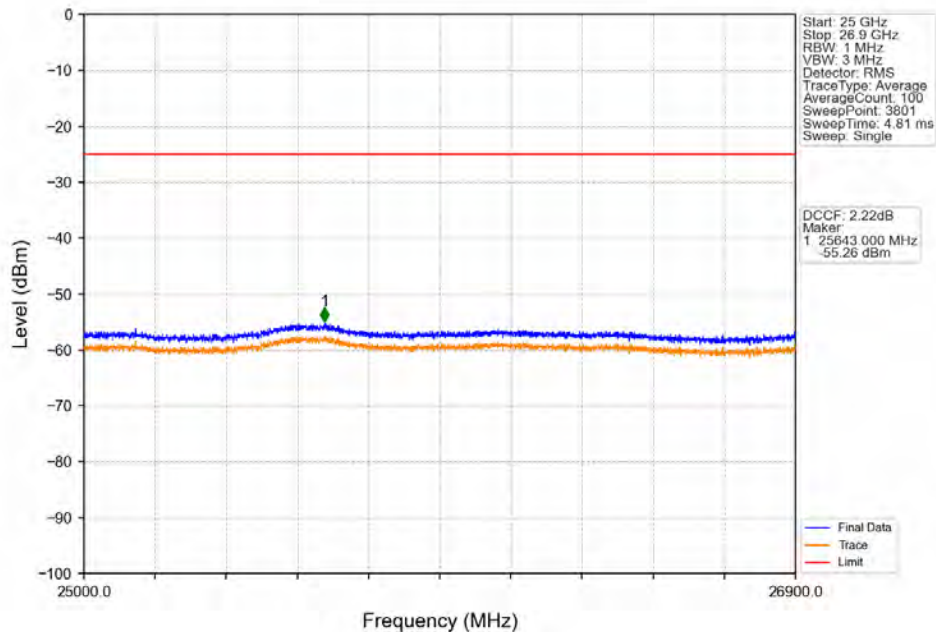
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Band41_10MHz_QPSK_HCH_2685MHz_RB_1_49_NTNV



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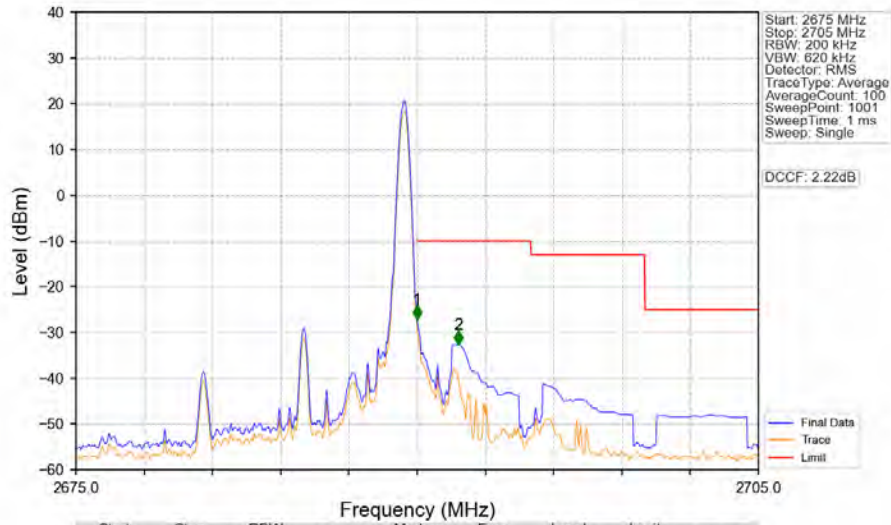
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Rev.: 01

Page: 190 of 219



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2675	2690	0.2	/	1	2690.000	-27.26	-10	Pass
2690	2691	0.2	/	2	2691.800	-32.73	-10	Pass
2691	2705	1	CHP					



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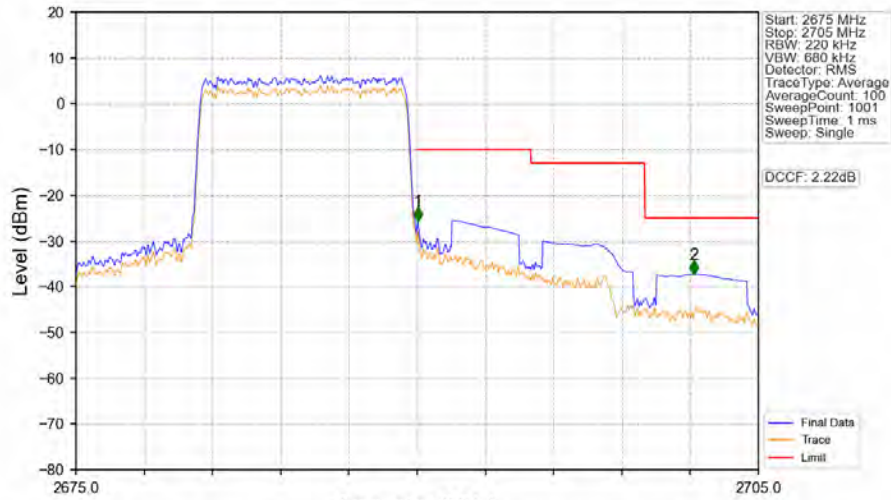
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Report No.: SUCR240400009001

Rev.: 01

Page: 191 of 219

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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.22	/	1	2690.030	-25.70	-10	Pass
2690	2691	0.22	/	1	2690.030	-25.70	-10	Pass
2691	2705	1	CHP	2	2702.180	-37.27	-25	Pass



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Report No.: SUCR240400009001

Rev.: 01

Page: 192 of 219

6.3 B41_15MHz

6.3.1 Test Result

Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2682.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass



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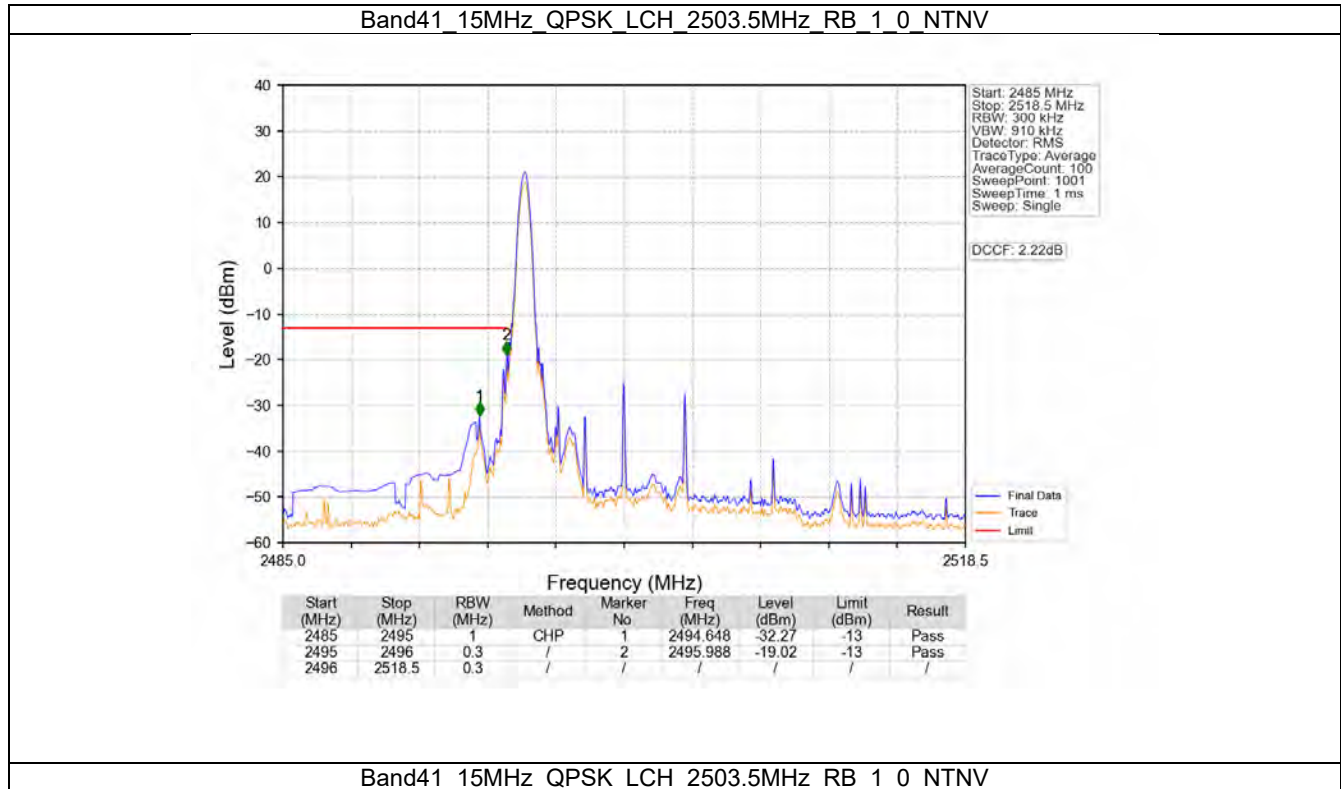
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6.3.2 Test Graph



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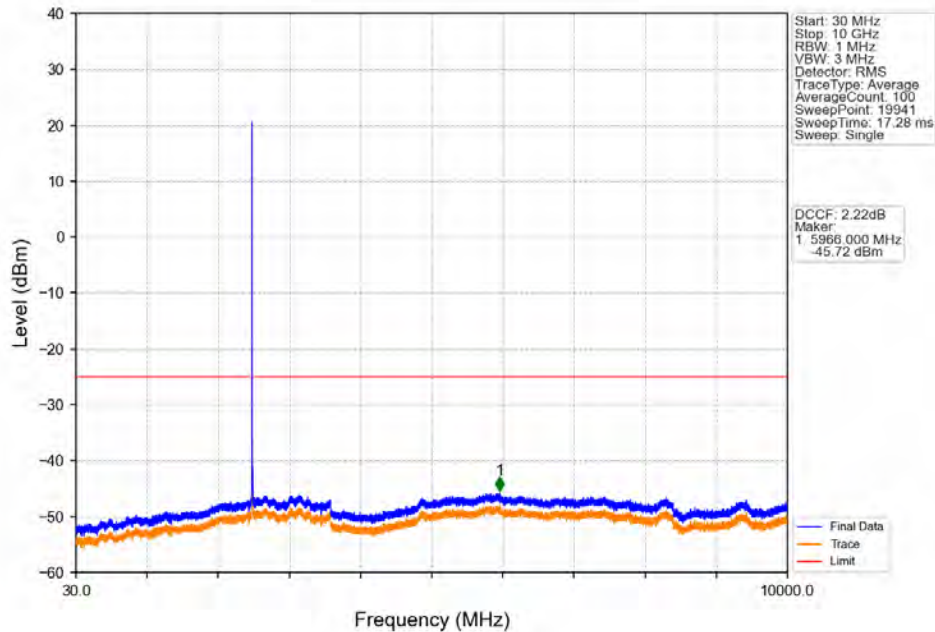
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Rev.: 01

Page: 194 of 219



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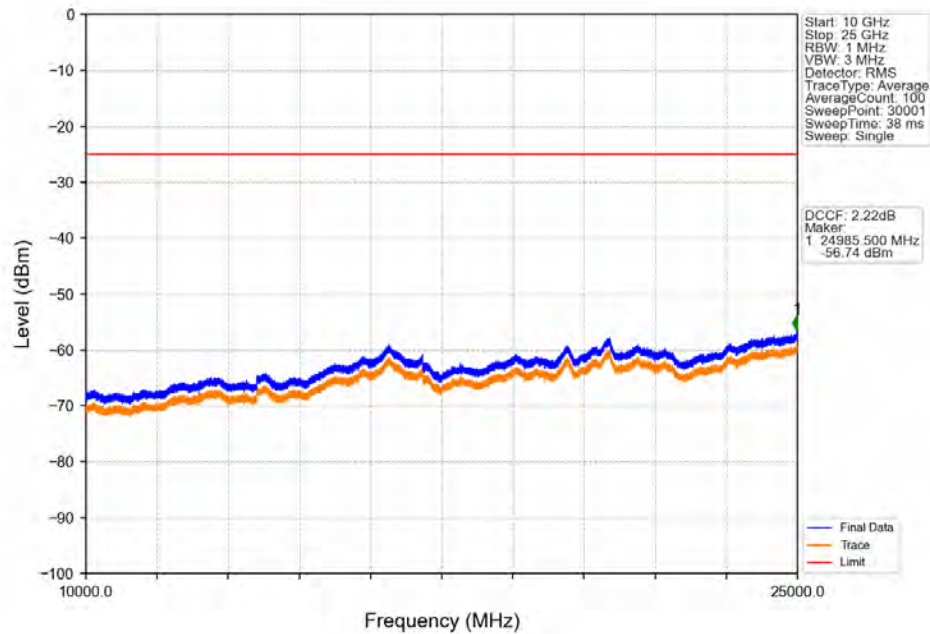
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Report No.: SUCR240400009001

Rev.: 01

Page: 195 of 219

Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV



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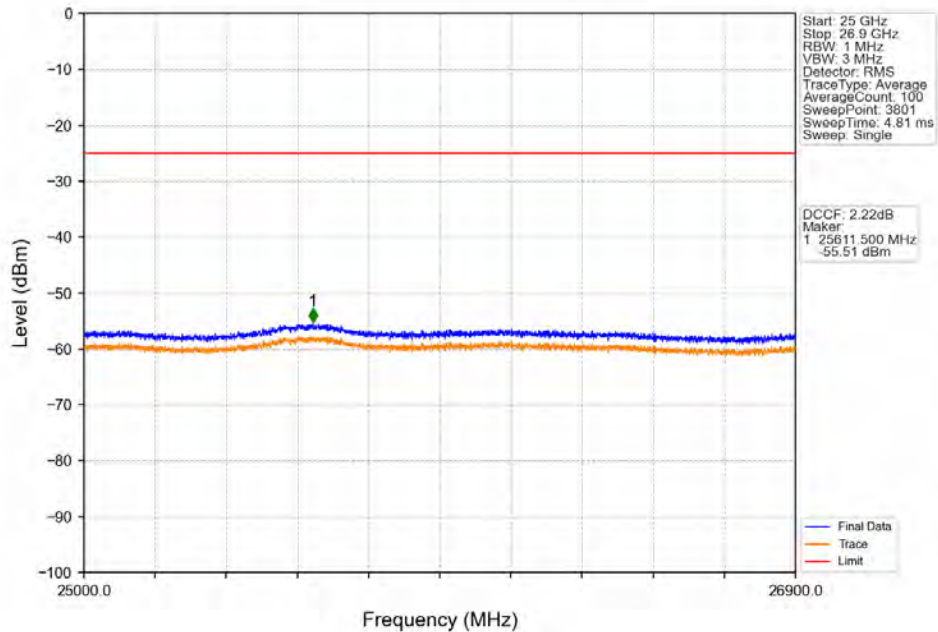
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Page: 196 of 219



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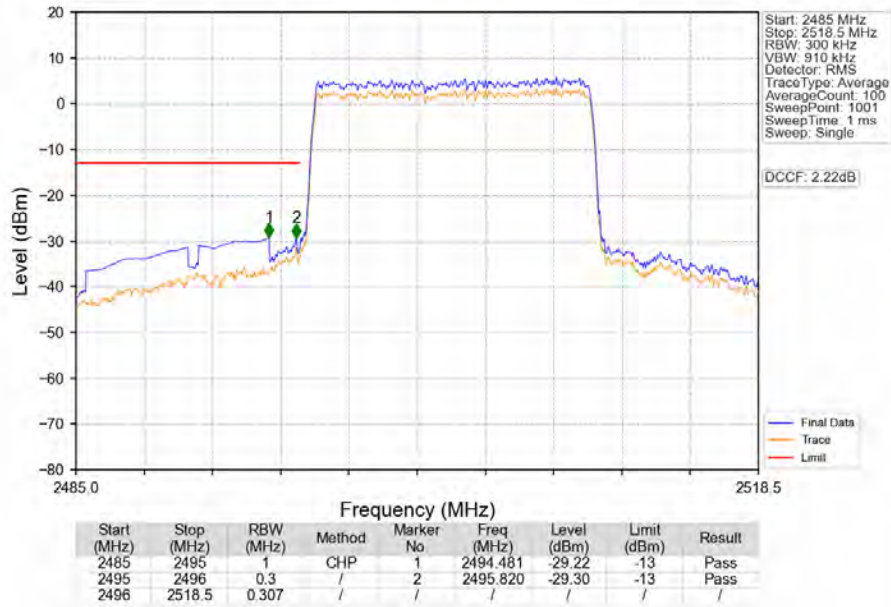
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Report No.: SUCR240400009001

Rev.: 01

Page: 197 of 219

Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



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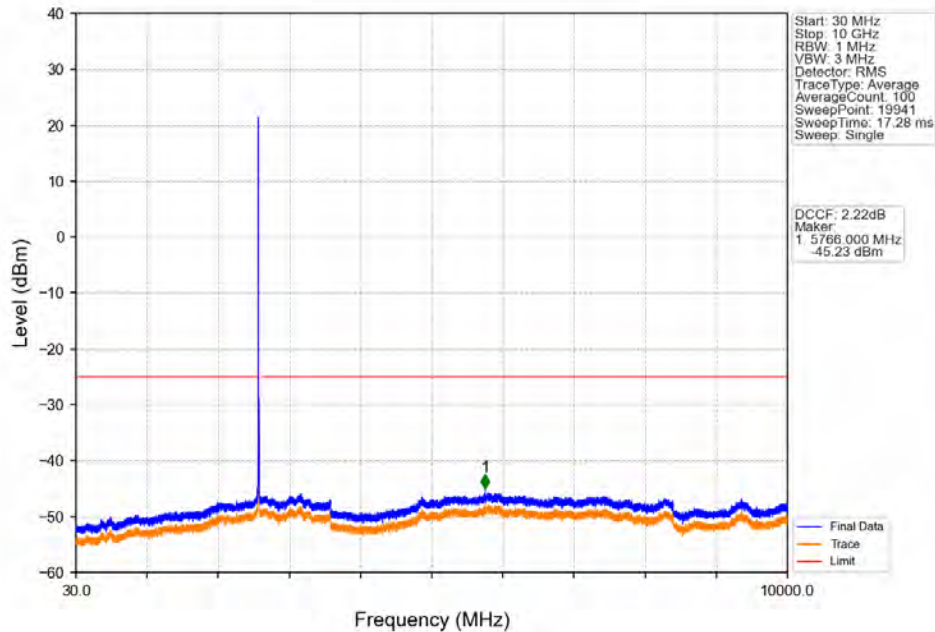
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Page: 198 of 219



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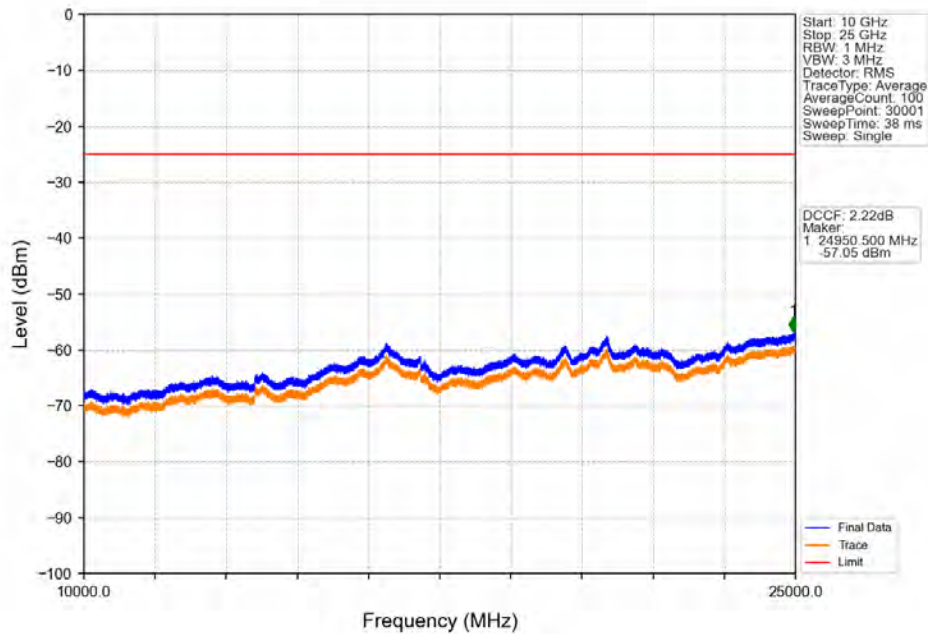
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Report No.: SUCR240400009001

Rev.: 01

Page: 199 of 219

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Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



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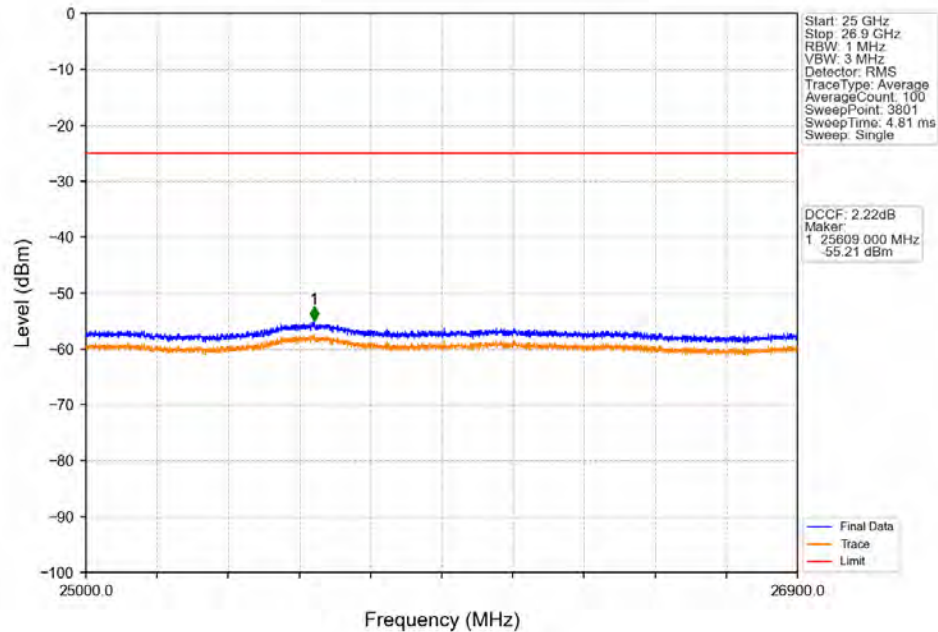
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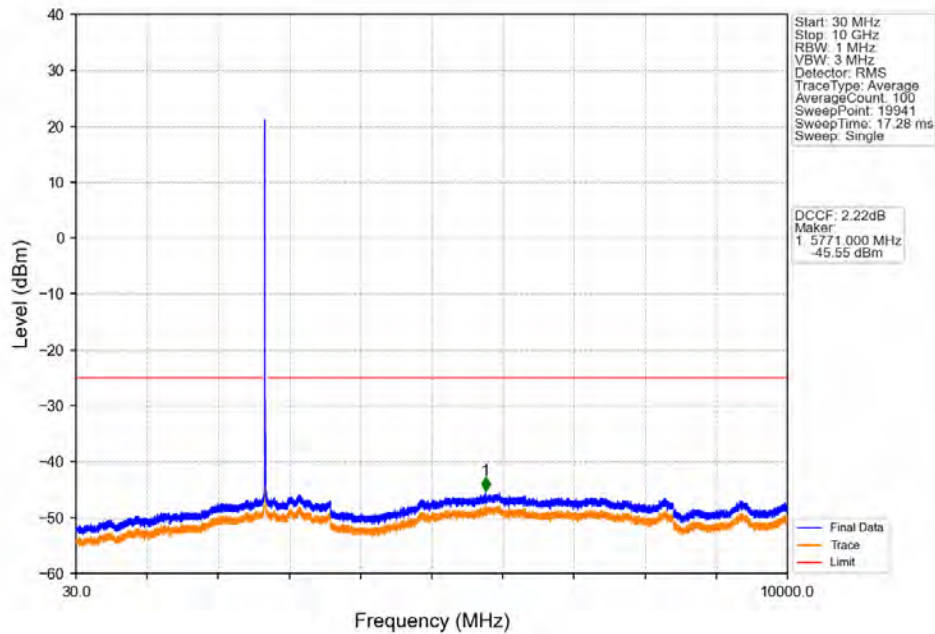
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Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



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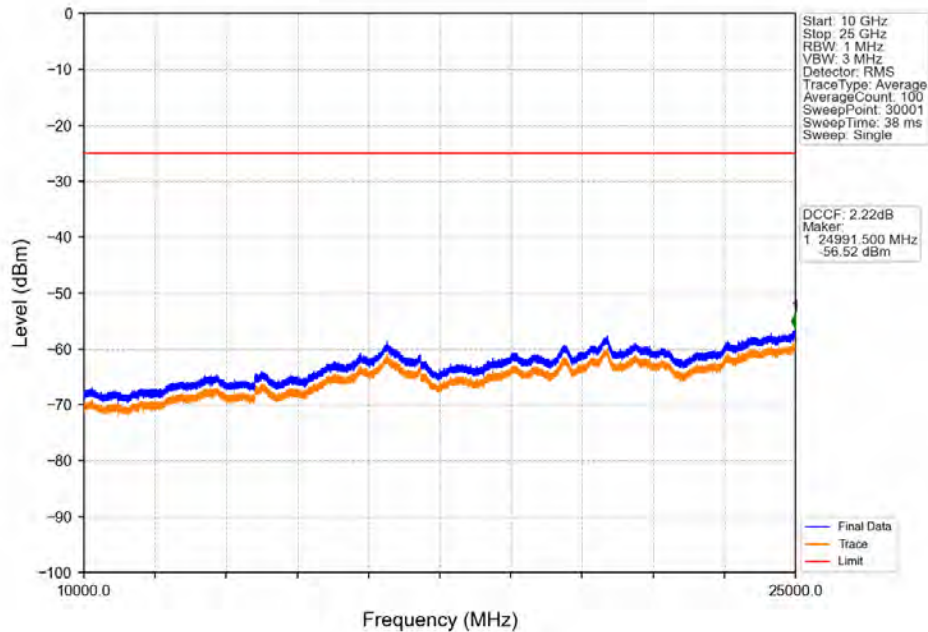
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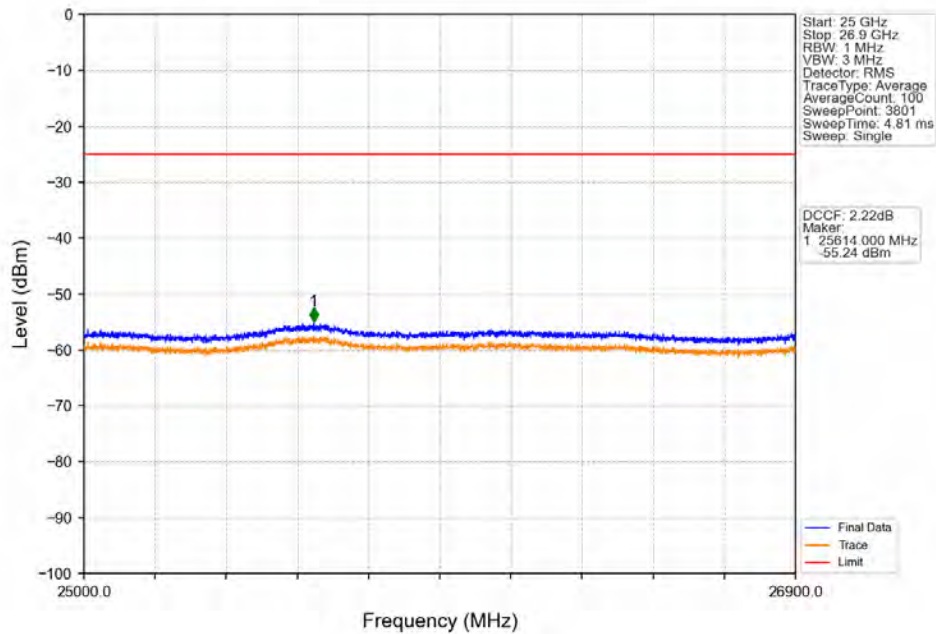
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Rev.: 01

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Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_74_NTNV



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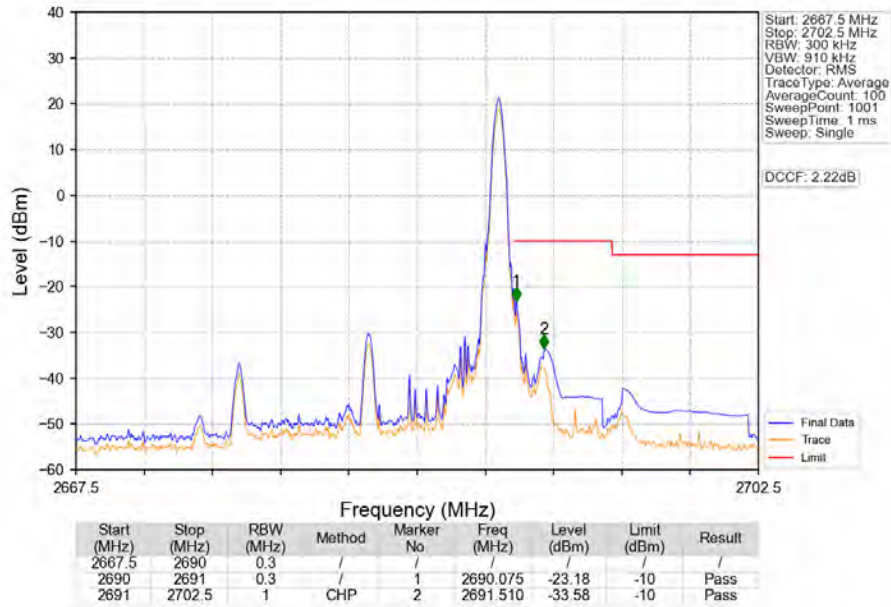
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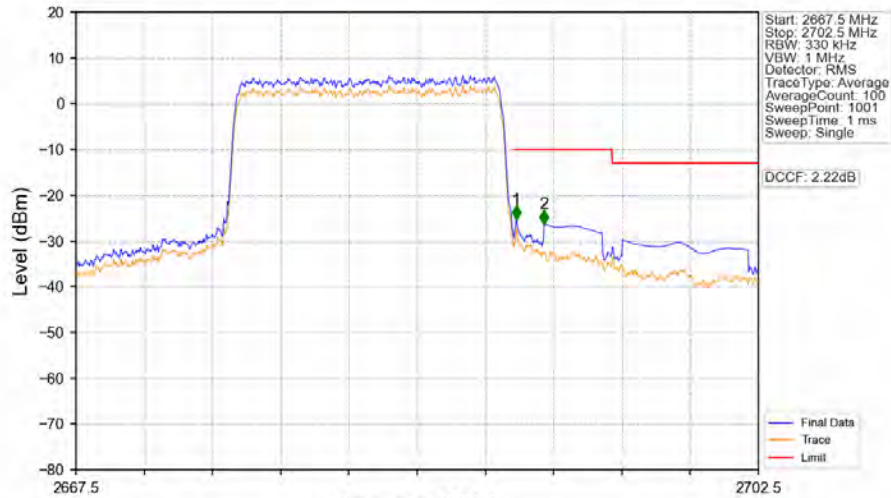
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Rev.: 01

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Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2667.5	2690	0.33	/	/	2690.075	-25.29	-10	Pass
2690	2691	0.33	/	1	2691.510	-26.30	-10	Pass
2691	2702.5	1	CHP	2				



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Page: 206 of 219

6.4 B41_20MHz

6.4.1 Test Result

Band: 41 / Bandwidth: 20MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	2506	1	0	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
	2593	1	0	Refer To Test Graph	Pass
	2680	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass



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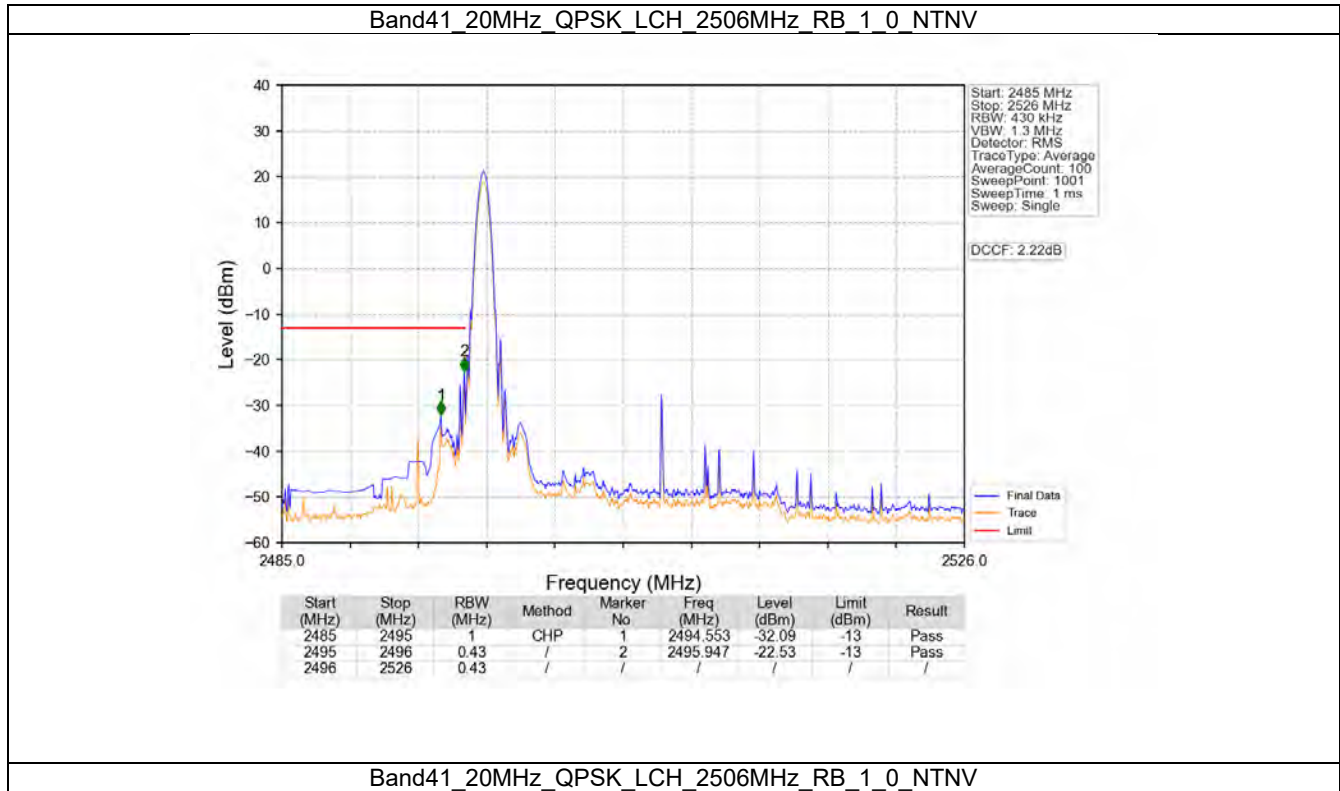
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Rev.: 01

Page: 207 of 219

6.4.2 Test Graph



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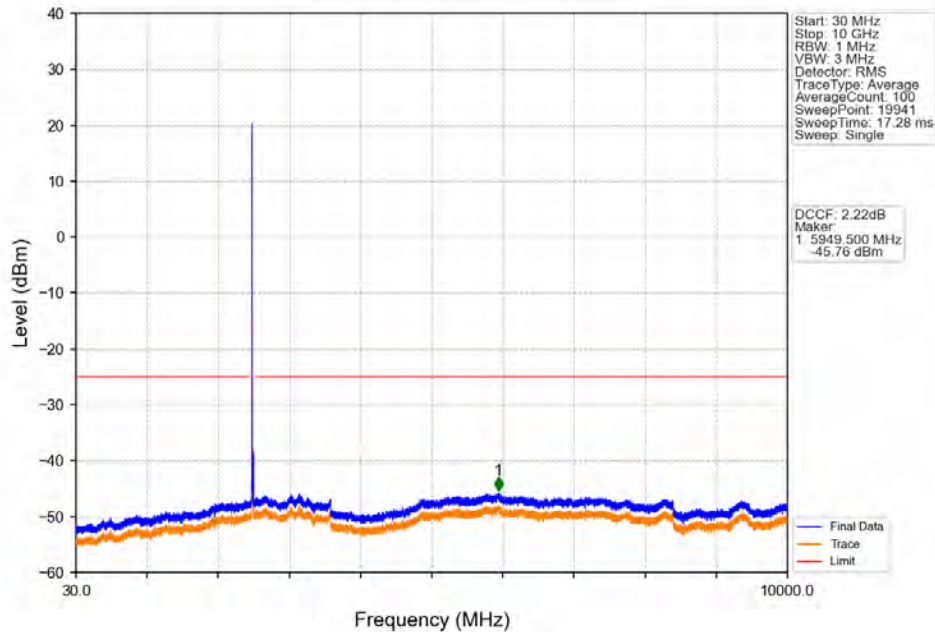
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Rev.: 01

Page: 208 of 219



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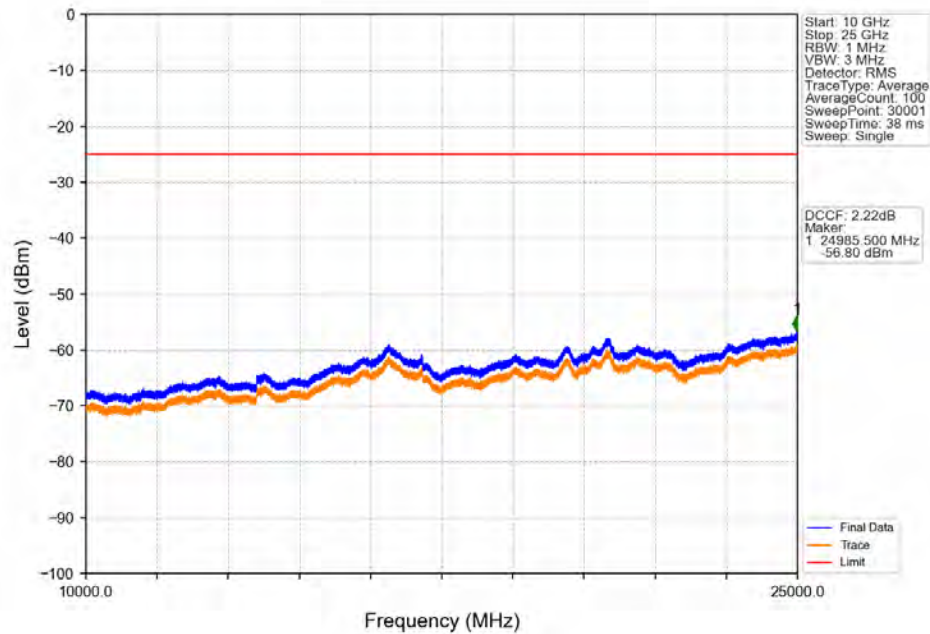
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Report No.: SUCR240400009001

Rev.: 01

Page: 209 of 219

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Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV



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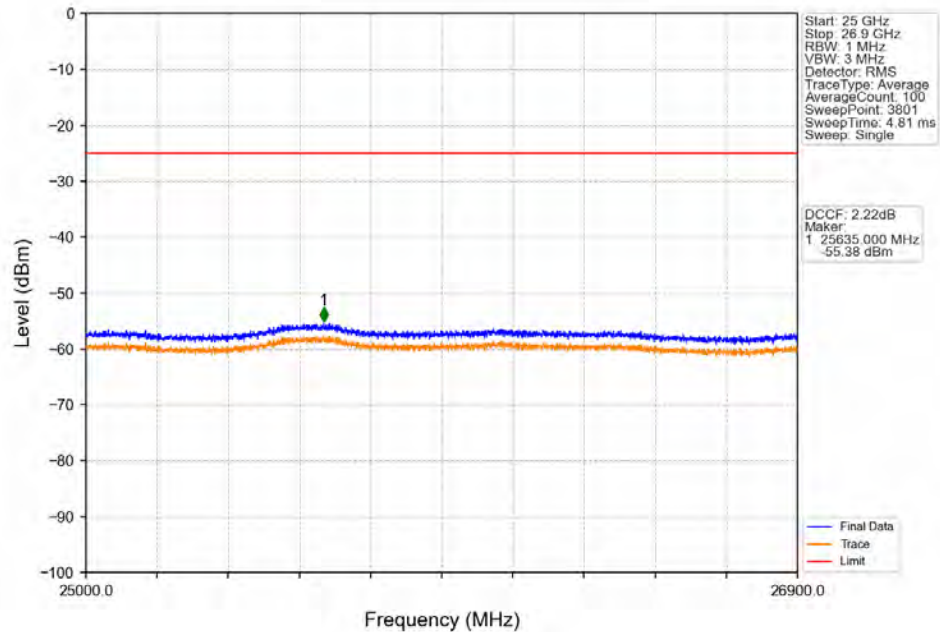
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Report No.: SUCR240400009001

Rev.: 01

Page: 210 of 219



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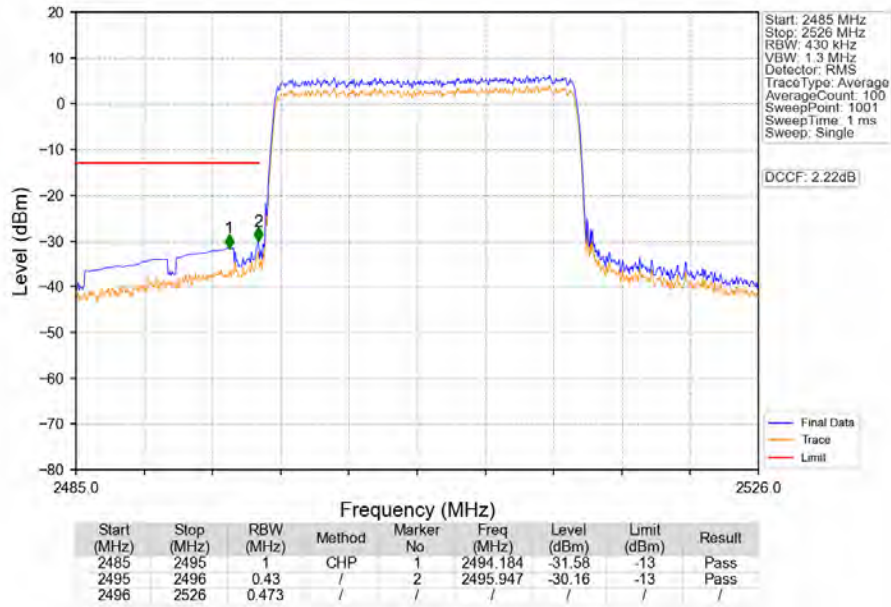
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Report No.: SUCR240400009001

Rev.: 01

Page: 211 of 219

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Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



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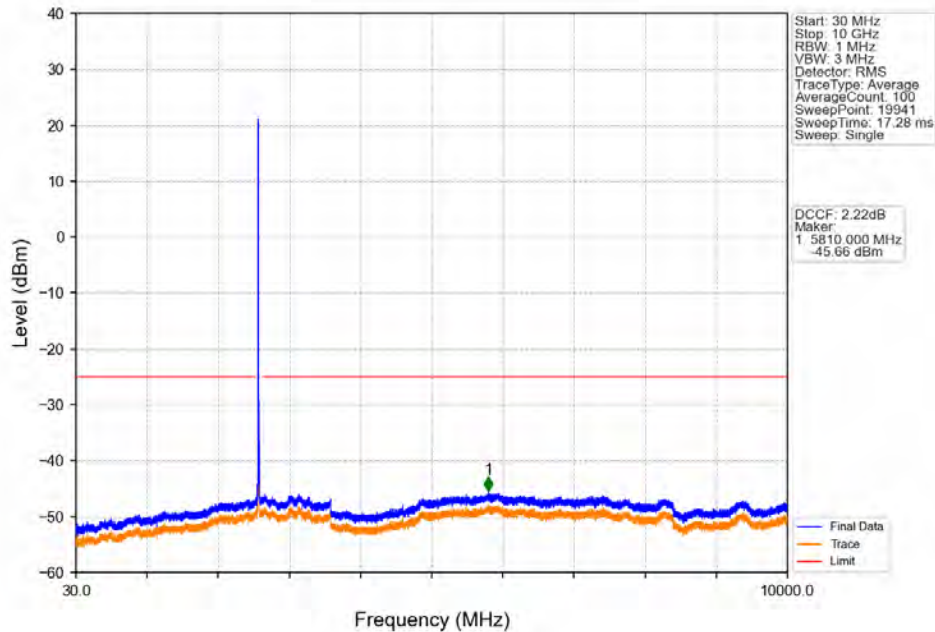
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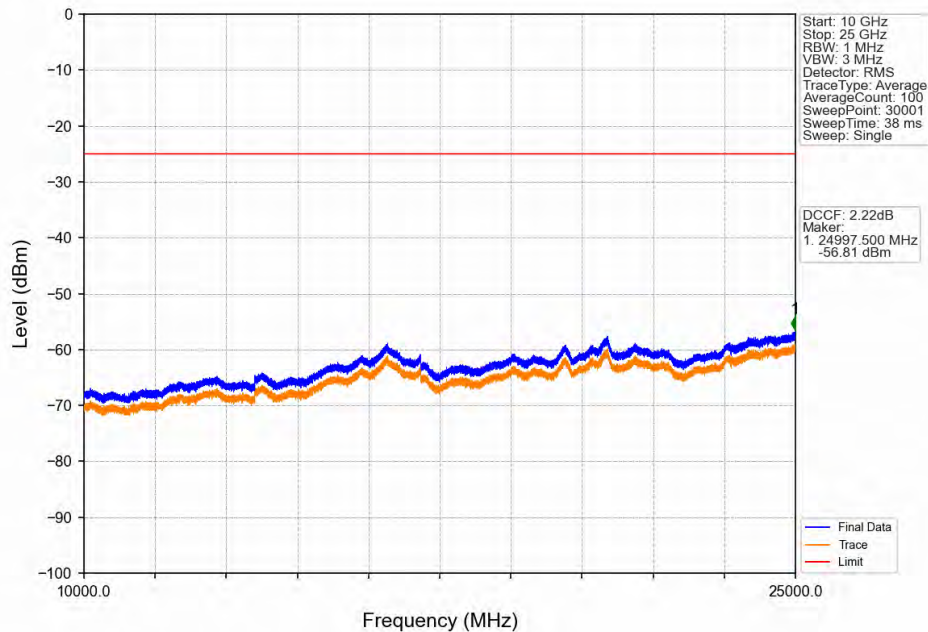
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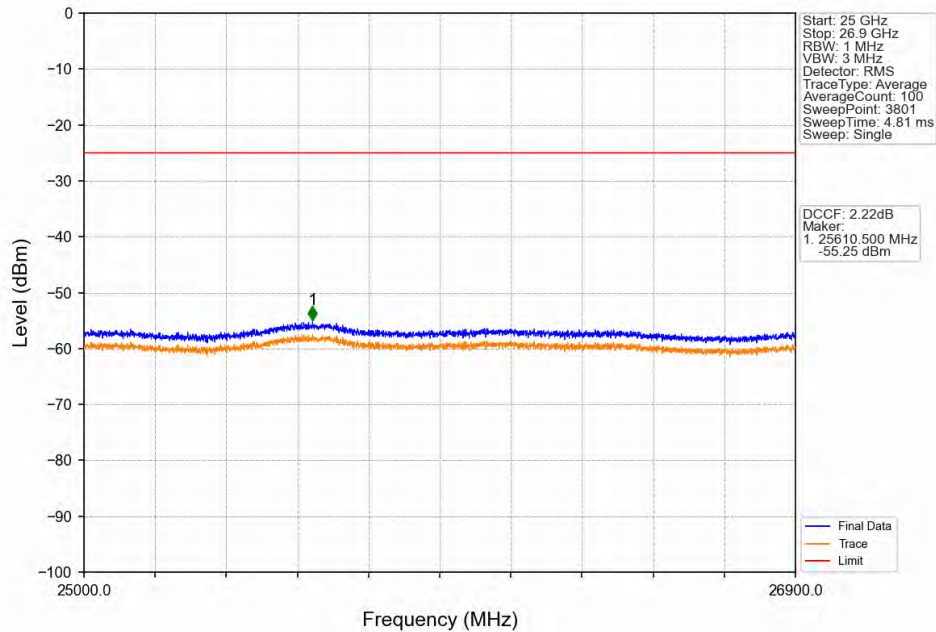
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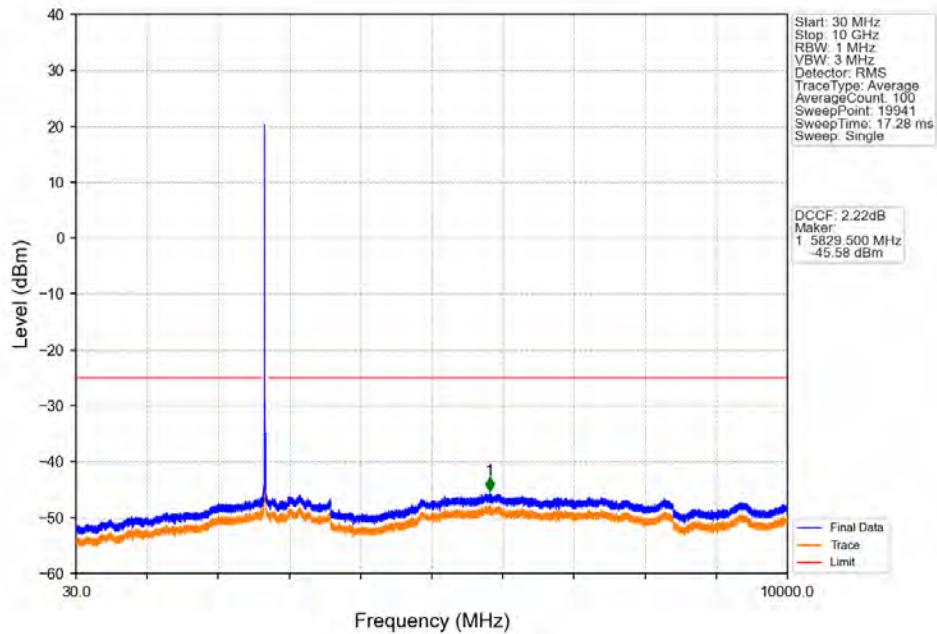
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Report No.: SUCR240400009001

Rev.: 01

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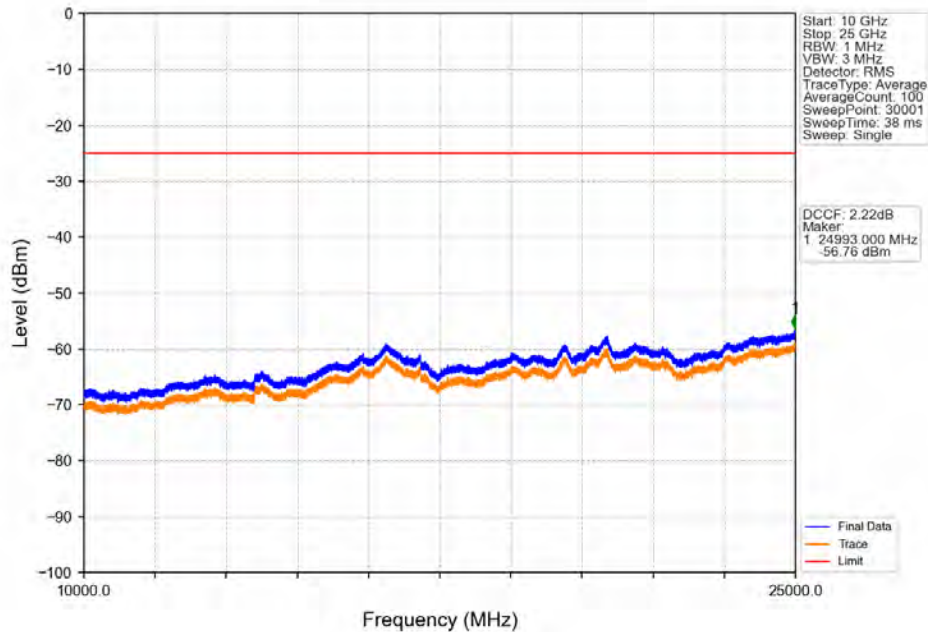
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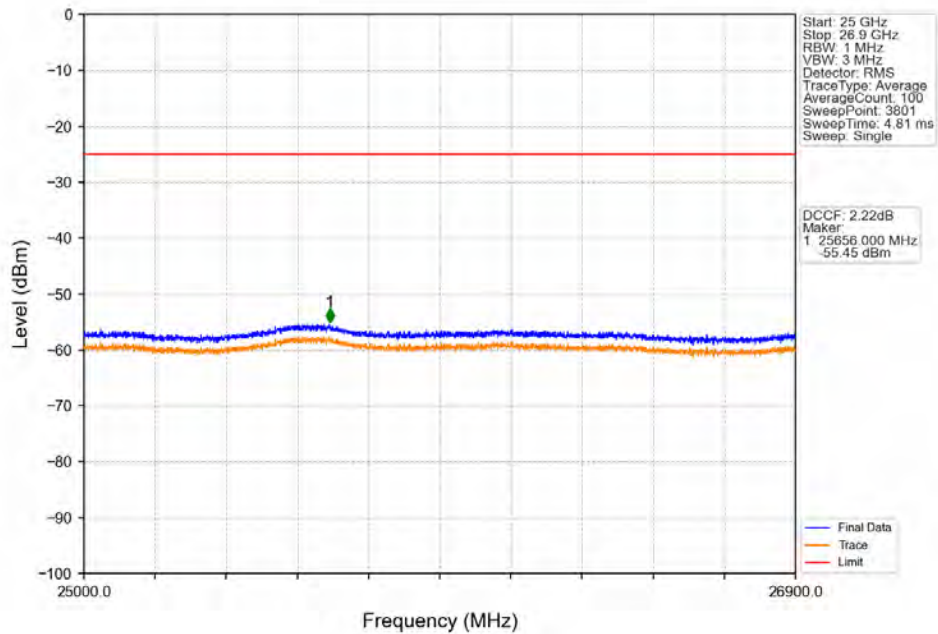
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Rev.: 01

Page: 217 of 219

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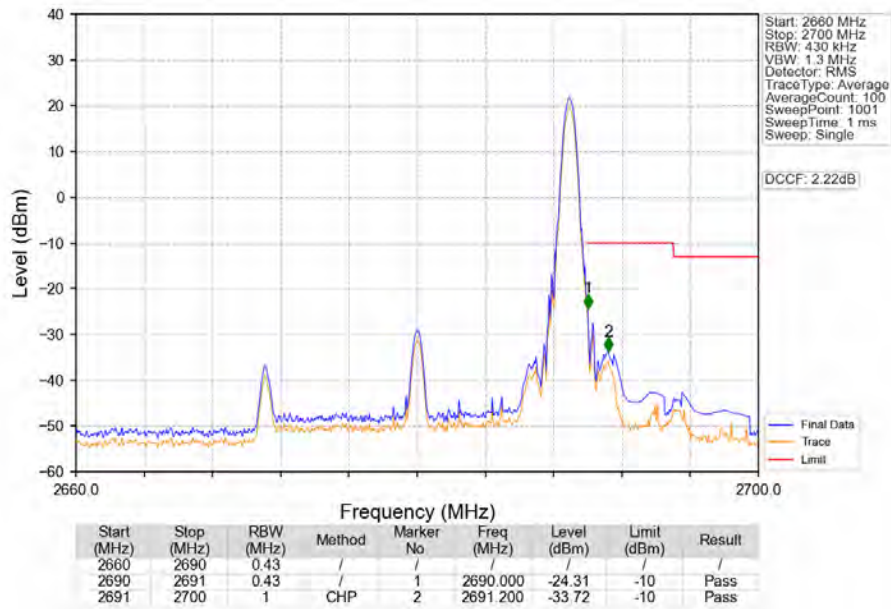
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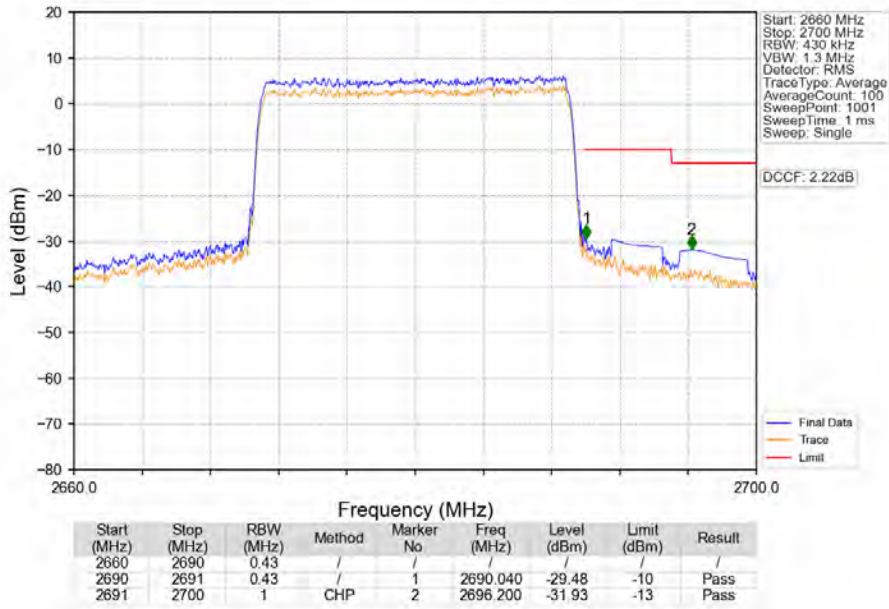
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Report No.: SUCR240400009001

Rev.: 01

Page: 219 of 219

Band41 20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



---End of Attachment---



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South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)