

BAND38

FCC LTE TDD Test Data

1. Conducted Output Power&&EIRP/ERP

Band	Modulation	BW	Frequency	RB_Size	RB_start	Conducted Power	ANT Gain(dBi)	ERP/EIRP	Conducted Power	ERP/EIRP	limit	Result
		(MHz)	(MHz)					(dBm)	(mW)	(mW)		
Band 38	QPSK	5M	2572.5	12	0	19.89	3	22.89	97.54	194.62	2000	Pass
Band 38	QPSK	5M	2572.5	12	13	19.92	3	22.92	98.18	195.90	2000	Pass
Band 38	QPSK	5M	2572.5	1	0	19.13	3	22.13	81.86	163.33	2000	Pass
Band 38	QPSK	5M	2572.5	1	12	19.03	3	22.03	80.01	159.63	2000	Pass
Band 38	QPSK	5M	2572.5	1	24	19.16	3	22.16	82.40	164.41	2000	Pass
Band 38	QPSK	5M	2572.5	25	0	19.62	3	22.62	91.57	182.71	2000	Pass
Band 38	16QAM	5M	2572.5	12	0	19.82	3	22.82	95.94	191.42	2000	Pass
Band 38	16QAM	5M	2572.5	12	13	19.60	3	22.60	91.13	181.82	2000	Pass
Band 38	16QAM	5M	2572.5	1	0	19.01	3	22.01	79.63	158.89	2000	Pass
Band 38	16QAM	5M	2572.5	1	12	19.16	3	22.16	82.33	164.27	2000	Pass
Band 38	16QAM	5M	2572.5	1	24	19.57	3	22.57	90.55	180.68	2000	Pass
Band 38	16QAM	5M	2572.5	25	0	19.19	3	22.19	82.94	165.48	2000	Pass
Band 38	QPSK	5M	2595	12	0	19.98	3	22.98	99.63	198.79	2000	Pass
Band 38	QPSK	5M	2595	12	13	19.43	3	22.43	87.65	174.89	2000	Pass
Band 38	QPSK	5M	2595	1	0	19.70	3	22.70	93.37	186.30	2000	Pass
Band 38	QPSK	5M	2595	1	12	19.13	3	22.13	81.93	163.46	2000	Pass
Band 38	QPSK	5M	2595	1	24	19.98	3	22.98	99.46	198.45	2000	Pass
Band 38	QPSK	5M	2595	25	0	19.98	3	22.98	99.46	198.46	2000	Pass
Band 38	16QAM	5M	2595	12	0	19.32	3	22.32	85.51	170.62	2000	Pass
Band 38	16QAM	5M	2595	12	13	19.30	3	22.30	85.20	169.99	2000	Pass
Band 38	16QAM	5M	2595	1	0	19.81	3	22.81	95.79	191.12	2000	Pass
Band 38	16QAM	5M	2595	1	12	19.93	3	22.93	98.34	196.21	2000	Pass
Band 38	16QAM	5M	2595	1	24	19.99	3	22.99	99.84	199.21	2000	Pass
Band 38	16QAM	5M	2595	25	0	19.24	3	22.24	83.97	167.54	2000	Pass
Band 38	QPSK	5M	2617.5	12	0	19.83	3	22.83	96.07	191.69	2000	Pass
Band 38	QPSK	5M	2617.5	12	13	19.83	3	22.83	96.26	192.06	2000	Pass
Band 38	QPSK	5M	2617.5	1	0	19.08	3	22.08	80.96	161.55	2000	Pass
Band 38	QPSK	5M	2617.5	1	12	19.92	3	22.92	98.26	196.06	2000	Pass
Band 38	QPSK	5M	2617.5	1	24	19.63	3	22.63	91.87	183.31	2000	Pass
Band 38	QPSK	5M	2617.5	25	0	19.32	3	22.32	85.48	170.56	2000	Pass
Band 38	16QAM	5M	2617.5	12	0	19.31	3	22.31	85.24	170.08	2000	Pass
Band 38	16QAM	5M	2617.5	12	13	19.15	3	22.15	82.19	163.99	2000	Pass

d 38											0	
Ban d 38	16QAM	5M	2617.5	1	0	19.36	3	22.36	86.35	172.29	2000	Pass
Ban d 38	16QAM	5M	2617.5	1	12	19.24	3	22.24	83.97	167.54	2000	Pass
Ban d 38	16QAM	5M	2617.5	1	24	19.68	3	22.68	92.87	185.31	2000	Pass
Ban d 38	16QAM	5M	2617.5	25	0	19.27	3	22.27	84.48	168.56	2000	Pass
Ban d 38	QPSK	10M	2575	1	0	19.72	3	22.72	93.86	187.27	2000	Pass
Ban d 38	QPSK	10M	2575	1	25	19.92	3	22.92	98.08	195.69	2000	Pass
Ban d 38	QPSK	10M	2575	1	49	20.00	3	23.00	100.01	199.54	2000	Pass
Ban d 38	QPSK	10M	2575	24	0	20.41	3	23.41	109.91	219.29	2000	Pass
Ban d 38	QPSK	10M	2575	24	24	20.29	3	23.29	106.98	213.46	2000	Pass
Ban d 38	QPSK	10M	2575	50	0	20.38	3	23.38	109.25	217.98	2000	Pass
Ban d 38	16QAM	10M	2575	1	0	19.95	3	22.95	98.76	197.06	2000	Pass
Ban d 38	16QAM	10M	2575	1	25	20.10	3	23.10	102.39	204.29	2000	Pass
Ban d 38	16QAM	10M	2575	1	49	20.18	3	23.18	104.12	207.74	2000	Pass
Ban d 38	16QAM	10M	2575	24	0	20.37	3	23.37	108.93	217.35	2000	Pass
Ban d 38	16QAM	10M	2575	24	24	20.30	3	23.30	107.18	213.86	2000	Pass
Ban d 38	16QAM	10M	2575	50	0	19.99	3	22.99	99.84	199.21	2000	Pass
Ban d 38	QPSK	10M	2595	1	0	19.83	3	22.83	96.26	192.07	2000	Pass
Ban d 38	QPSK	10M	2595	1	25	19.84	3	22.84	96.41	192.36	2000	Pass
Ban d 38	QPSK	10M	2595	1	49	19.82	3	22.82	95.85	191.25	2000	Pass
Ban d 38	QPSK	10M	2595	24	0	19.73	3	22.73	93.96	187.48	2000	Pass
Ban d 38	QPSK	10M	2595	24	24	20.46	3	23.46	111.05	221.58	2000	Pass
Ban d 38	QPSK	10M	2595	50	0	19.83	3	22.83	96.26	192.06	2000	Pass
Ban d 38	16QAM	10M	2595	1	0	20.26	3	23.26	106.23	211.96	2000	Pass
Ban d 38	16QAM	10M	2595	1	25	19.75	3	22.75	94.31	188.16	2000	Pass
Ban d 38	16QAM	10M	2595	1	49	19.96	3	22.96	99.11	197.76	2000	Pass
Ban d 38	16QAM	10M	2595	24	0	19.68	3	22.68	92.99	185.55	2000	Pass
Ban d 38	16QAM	10M	2595	24	24	19.55	3	22.55	90.08	179.74	2000	Pass
Ban d 38	16QAM	10M	2595	50	0	20.47	3	23.47	111.38	222.24	2000	Pass
Ban d 38	QPSK	10M	2615	1	0	19.59	3	22.59	91.01	181.58	2000	Pass
Ban d 38	QPSK	10M	2615	1	25	20.05	3	23.05	101.13	201.79	2000	Pass
Ban d 38	QPSK	10M	2615	1	49	20.05	3	23.05	101.20	201.91	2000	Pass
Ban d 38	QPSK	10M	2615	24	0	19.98	3	22.98	99.44	198.41	2000	Pass
Ban d 38	QPSK	10M	2615	24	24	20.28	3	23.28	106.77	213.03	2000	Pass
Ban d 38	QPSK	10M	2615	50	0	19.69	3	22.69	93.19	185.95	2000	Pass
Ban d 38	16QAM	10M	2615	1	0	19.96	3	22.96	98.99	197.51	2000	Pass
Ban d 38	16QAM	10M	2615	1	25	19.86	3	22.86	96.74	193.02	2000	Pass
Ban d 38	16QAM	10M	2615	1	49	19.68	3	22.68	92.91	185.38	2000	Pass
Ban	16QAM	10M	2615	24	0	19.60	3	22.60	91.16	181.88	200	Pass

d 38											0	
Ban d 38	16QAM	10M	2615	24	24	19.57	3	22.57	90.63	180.83	200 0	Pass
Ban d 38	16QAM	10M	2615	50	0	19.56	3	22.56	90.26	180.10	200 0	Pass
Ban d 38	QPSK	15M	2577.5	1	0	19.98	3	22.98	99.45	198.42	200 0	Pass
Ban d 38	QPSK	15M	2577.5	1	38	20.04	3	23.04	100.99	201.50	200 0	Pass
Ban d 38	QPSK	15M	2577.5	1	74	20.23	3	23.23	105.45	210.41	200 0	Pass
Ban d 38	QPSK	15M	2577.5	38	0	20.08	3	23.08	101.85	203.22	200 0	Pass
Ban d 38	QPSK	15M	2577.5	38	37	20.35	3	23.35	108.44	216.37	200 0	Pass
Ban d 38	QPSK	15M	2577.5	75	0	19.82	3	22.82	96.01	191.57	200 0	Pass
Ban d 38	16QAM	15M	2577.5	1	0	20.03	3	23.03	100.63	200.78	200 0	Pass
Ban d 38	16QAM	15M	2577.5	1	38	19.52	3	22.52	89.61	178.80	200 0	Pass
Ban d 38	16QAM	15M	2577.5	1	74	19.67	3	22.67	92.67	184.90	200 0	Pass
Ban d 38	16QAM	15M	2577.5	38	0	19.75	3	22.75	94.44	188.44	200 0	Pass
Ban d 38	16QAM	15M	2577.5	38	37	20.12	3	23.12	102.89	205.30	200 0	Pass
Ban d 38	16QAM	15M	2577.5	75	0	20.30	3	23.30	107.26	214.02	200 0	Pass
Ban d 38	QPSK	15M	2595	1	0	20.05	3	23.05	101.25	202.01	200 0	Pass
Ban d 38	QPSK	15M	2595	1	38	20.02	3	23.02	100.55	200.63	200 0	Pass
Ban d 38	QPSK	15M	2595	1	74	19.88	3	22.88	97.23	194.00	200 0	Pass
Ban d 38	QPSK	15M	2595	38	0	20.10	3	23.10	102.29	204.10	200 0	Pass
Ban d 38	QPSK	15M	2595	38	37	19.80	3	22.80	95.44	190.43	200 0	Pass
Ban d 38	QPSK	15M	2595	75	0	20.20	3	23.20	104.77	209.04	200 0	Pass
Ban d 38	16QAM	15M	2595	1	0	20.00	3	23.00	100.00	199.53	200 0	Pass
Ban d 38	16QAM	15M	2595	1	38	19.97	3	22.97	99.38	198.28	200 0	Pass
Ban d 38	16QAM	15M	2595	1	74	19.90	3	22.90	97.71	194.96	200 0	Pass
Ban d 38	16QAM	15M	2595	38	0	19.84	3	22.84	96.29	192.13	200 0	Pass
Ban d 38	16QAM	15M	2595	38	37	20.16	3	23.16	103.87	207.25	200 0	Pass
Ban d 38	16QAM	15M	2595	75	0	20.10	3	23.10	102.31	204.14	200 0	Pass
Ban d 38	QPSK	15M	2612.5	1	0	19.70	3	22.70	93.42	186.41	200 0	Pass
Ban d 38	QPSK	15M	2612.5	1	38	19.65	3	22.65	92.26	184.09	200 0	Pass
Ban d 38	QPSK	15M	2612.5	1	74	19.96	3	22.96	99.16	197.86	200 0	Pass
Ban d 38	QPSK	15M	2612.5	38	0	20.11	3	23.11	102.59	204.70	200 0	Pass
Ban d 38	QPSK	15M	2612.5	38	37	19.69	3	22.69	93.15	185.87	200 0	Pass
Ban d 38	QPSK	15M	2612.5	75	0	19.61	3	22.61	91.50	182.57	200 0	Pass
Ban d 38	16QAM	15M	2612.5	1	0	19.56	3	22.56	90.42	180.41	200 0	Pass
Ban d 38	16QAM	15M	2612.5	1	38	19.70	3	22.70	93.24	186.05	200 0	Pass
Ban d 38	16QAM	15M	2612.5	1	74	19.74	3	22.74	94.10	187.75	200 0	Pass
Ban d 38	16QAM	15M	2612.5	38	0	20.12	3	23.12	102.73	204.98	200 0	Pass
Ban d 38	16QAM	15M	2612.5	38	37	20.15	3	23.15	103.50	206.51	200 0	Pass
Ban	16QAM	15M	2612.5	75	0	19.77	3	22.77	94.76	189.07	200	Pass

d 38											0	
Ban d 38	QPSK	20M	2580	100	0	20.43	3	23.43	110.41	220.30	2000	Pass
Ban d 38	QPSK	20M	2580	1	0	20.20	3	23.20	104.69	208.88	2000	Pass
Ban d 38	QPSK	20M	2580	1	100	20.35	3	23.35	108.35	216.20	2000	Pass
Ban d 38	QPSK	20M	2580	1	50	19.64	3	22.64	91.99	183.55	2000	Pass
Ban d 38	QPSK	20M	2580	48	0	20.44	3	23.44	110.69	220.86	2000	Pass
Ban d 38	QPSK	20M	2580	48	48	20.21	3	23.21	105.07	209.64	2000	Pass
Ban d 38	16QAM	20M	2580	100	0	20.46	3	23.46	111.12	221.72	2000	Pass
Ban d 38	16QAM	20M	2580	1	0	19.76	3	22.76	94.70	188.94	2000	Pass
Ban d 38	16QAM	20M	2580	1	100	20.13	3	23.13	102.96	205.42	2000	Pass
Ban d 38	16QAM	20M	2580	1	50	20.32	3	23.32	107.69	214.88	2000	Pass
Ban d 38	16QAM	20M	2580	48	0	20.33	3	23.33	107.87	215.23	2000	Pass
Ban d 38	16QAM	20M	2580	48	48	20.08	3	23.08	101.96	203.44	2000	Pass
Ban d 38	QPSK	20M	2595	100	0	20.00	3	23.00	100.00	199.52	2000	Pass
Ban d 38	QPSK	20M	2595	1	0	20.28	3	23.28	106.55	212.59	2000	Pass
Ban d 38	QPSK	20M	2595	1	100	19.78	3	22.78	95.13	189.82	2000	Pass
Ban d 38	QPSK	20M	2595	1	50	19.89	3	22.89	97.57	194.67	2000	Pass
Ban d 38	QPSK	20M	2595	48	0	19.91	3	22.91	97.85	195.23	2000	Pass
Ban d 38	QPSK	20M	2595	48	48	19.99	3	22.99	99.74	199.01	2000	Pass
Ban d 38	16QAM	20M	2595	100	0	19.97	3	22.97	99.35	198.22	2000	Pass
Ban d 38	16QAM	20M	2595	1	0	20.13	3	23.13	102.96	205.44	2000	Pass
Ban d 38	16QAM	20M	2595	1	100	20.00	3	23.00	99.97	199.47	2000	Pass
Ban d 38	16QAM	20M	2595	1	50	19.50	3	22.50	89.15	177.88	2000	Pass
Ban d 38	16QAM	20M	2595	48	0	19.58	3	22.58	90.74	181.05	2000	Pass
Ban d 38	16QAM	20M	2595	48	48	20.16	3	23.16	103.67	206.86	2000	Pass
Ban d 38	QPSK	20M	2610	100	0	19.65	3	22.65	92.35	184.26	2000	Pass
Ban d 38	QPSK	20M	2610	1	0	19.74	3	22.74	94.14	187.83	2000	Pass
Ban d 38	QPSK	20M	2610	1	100	20.22	3	23.22	105.12	209.75	2000	Pass
Ban d 38	QPSK	20M	2610	1	50	19.99	3	22.99	99.84	199.20	2000	Pass
Ban d 38	QPSK	20M	2610	48	0	20.05	3	23.05	101.22	201.96	2000	Pass
Ban d 38	QPSK	20M	2610	48	48	20.45	3	23.45	110.99	221.45	2000	Pass
Ban d 38	16QAM	20M	2610	100	0	20.42	3	23.42	110.09	219.66	2000	Pass
Ban d 38	16QAM	20M	2610	1	0	19.93	3	22.93	98.31	196.15	2000	Pass
Ban d 38	16QAM	20M	2610	1	100	19.72	3	22.72	93.83	187.21	2000	Pass
Ban d 38	16QAM	20M	2610	1	50	20.42	3	23.42	110.13	219.73	2000	Pass
Ban d 38	16QAM	20M	2610	48	0	19.78	3	22.78	95.06	189.66	2000	Pass
Ban d 38	16QAM	20M	2610	48	48	20.21	3	23.21	105.04	209.59	2000	Pass

2. Peak to Average Ratio

Modulation	BW(MHz)	Frequency(MHz)	RB_Size	RB_start	Peak to AVG Ratio-0.1%(dB)	Limit(dB)	Result
QPSK	5M	2572.5	12	0	7.08	13.00	Pass
QPSK	5M	2572.5	12	13	8.28	13.00	Pass
QPSK	5M	2572.5	1	0	8.23	13.00	Pass
QPSK	5M	2572.5	1	12	7.75	13.00	Pass
QPSK	5M	2572.5	1	24	8.26	13.00	Pass
QPSK	5M	2572.5	25	0	8.40	13.00	Pass
16QAM	5M	2572.5	12	0	7.94	13.00	Pass
16QAM	5M	2572.5	12	13	8.44	13.00	Pass
16QAM	5M	2572.5	1	0	8.49	13.00	Pass
16QAM	5M	2572.5	1	12	7.46	13.00	Pass
16QAM	5M	2572.5	1	24	7.32	13.00	Pass
16QAM	5M	2572.5	25	0	8.25	13.00	Pass
QPSK	5M	2595.0	12	0	8.06	13.00	Pass
QPSK	5M	2595.0	12	13	8.62	13.00	Pass
QPSK	5M	2595.0	1	0	6.66	13.00	Pass
QPSK	5M	2595.0	1	12	8.50	13.00	Pass
QPSK	5M	2595.0	1	24	6.06	13.00	Pass
QPSK	5M	2595.0	25	0	8.40	13.00	Pass
16QAM	5M	2595.0	12	0	8.27	13.00	Pass
16QAM	5M	2595.0	12	13	8.32	13.00	Pass
16QAM	5M	2595.0	1	0	8.30	13.00	Pass
16QAM	5M	2595.0	1	12	8.18	13.00	Pass
16QAM	5M	2595.0	1	24	8.80	13.00	Pass
16QAM	5M	2595.0	25	0	8.55	13.00	Pass
QPSK	5M	2617.5	12	0	8.52	13.00	Pass
QPSK	5M	2617.5	12	13	8.46	13.00	Pass
QPSK	5M	2617.5	1	0	7.38	13.00	Pass
QPSK	5M	2617.5	1	12	8.19	13.00	Pass
QPSK	5M	2617.5	1	24	8.50	13.00	Pass
QPSK	5M	2617.5	25	0	8.43	13.00	Pass
16QAM	5M	2617.5	12	0	8.67	13.00	Pass
16QAM	5M	2617.5	12	13	8.74	13.00	Pass
16QAM	5M	2617.5	1	0	5.53	13.00	Pass
16QAM	5M	2617.5	1	12	8.88	13.00	Pass
16QAM	5M	2617.5	1	24	8.21	13.00	Pass
16QAM	5M	2617.5	25	0	8.59	13.00	Pass
QPSK	10M	2575.0	1	0	5.46	13.00	Pass
QPSK	10M	2575.0	1	25	8.16	13.00	Pass
QPSK	10M	2575.0	1	49	8.42	13.00	Pass
QPSK	10M	2575.0	24	0	8.38	13.00	Pass
QPSK	10M	2575.0	24	24	6.01	13.00	Pass
QPSK	10M	2575.0	50	0	5.78	13.00	Pass
16QAM	10M	2575.0	1	0	8.73	13.00	Pass
16QAM	10M	2575.0	1	25	8.22	13.00	Pass
16QAM	10M	2575.0	1	49	8.17	13.00	Pass
16QAM	10M	2575.0	24	0	10.11	13.00	Pass
16QAM	10M	2575.0	24	24	8.40	13.00	Pass
16QAM	10M	2575.0	50	0	8.34	13.00	Pass
QPSK	10M	2595.0	1	0	8.40	13.00	Pass
QPSK	10M	2595.0	1	25	8.27	13.00	Pass
QPSK	10M	2595.0	1	49	5.61	13.00	Pass
QPSK	10M	2595.0	24	0	6.29	13.00	Pass
QPSK	10M	2595.0	24	24	8.56	13.00	Pass
QPSK	10M	2595.0	50	0	5.64	13.00	Pass
16QAM	10M	2595.0	1	0	8.19	13.00	Pass
16QAM	10M	2595.0	1	25	8.46	13.00	Pass
16QAM	10M	2595.0	1	49	8.59	13.00	Pass
16QAM	10M	2595.0	24	0	8.52	13.00	Pass
16QAM	10M	2595.0	24	24	8.74	13.00	Pass
16QAM	10M	2595.0	50	0	9.68	13.00	Pass
QPSK	10M	2615.0	1	0	8.40	13.00	Pass
QPSK	10M	2615.0	1	25	8.20	13.00	Pass
QPSK	10M	2615.0	1	49	8.81	13.00	Pass

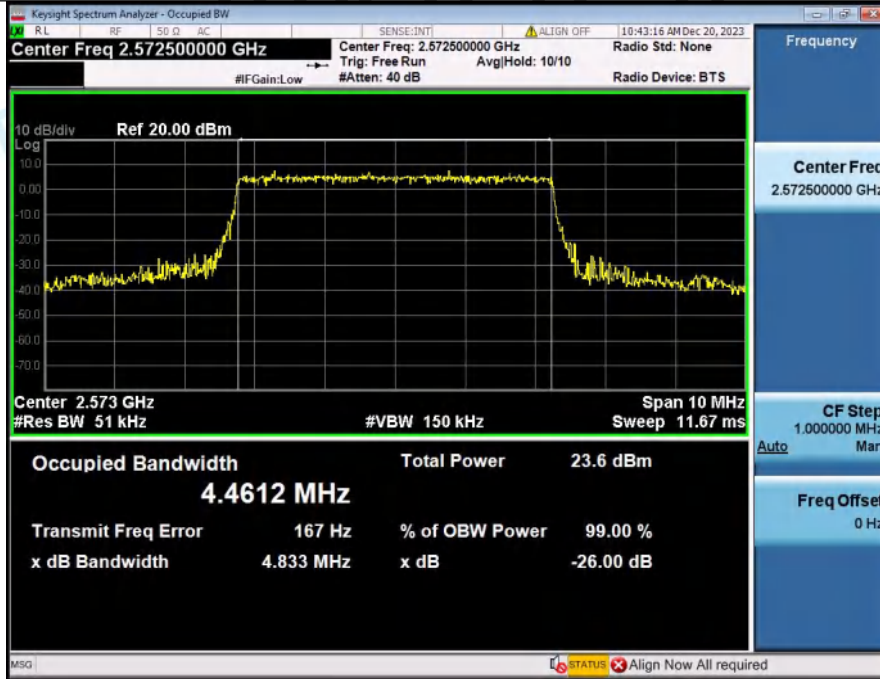
QPSK	10M	2615.0	24	0	5.49	13.00	Pass
QPSK	10M	2615.0	24	24	5.66	13.00	Pass
QPSK	10M	2615.0	50	0	7.41	13.00	Pass
16QAM	10M	2615.0	1	0	5.59	13.00	Pass
16QAM	10M	2615.0	1	25	8.80	13.00	Pass
16QAM	10M	2615.0	1	49	8.17	13.00	Pass
16QAM	10M	2615.0	24	0	6.58	13.00	Pass
16QAM	10M	2615.0	24	24	6.31	13.00	Pass
16QAM	10M	2615.0	50	0	8.92	13.00	Pass
QPSK	15M	2577.5	1	0	8.65	13.00	Pass
QPSK	15M	2577.5	1	38	8.25	13.00	Pass
QPSK	15M	2577.5	1	74	8.69	13.00	Pass
QPSK	15M	2577.5	38	0	8.48	13.00	Pass
QPSK	15M	2577.5	38	37	8.36	13.00	Pass
QPSK	15M	2577.5	75	0	8.21	13.00	Pass
16QAM	15M	2577.5	1	0	6.33	13.00	Pass
16QAM	15M	2577.5	1	38	8.50	13.00	Pass
16QAM	15M	2577.5	1	74	8.24	13.00	Pass
16QAM	15M	2577.5	38	0	8.25	13.00	Pass
16QAM	15M	2577.5	38	37	8.47	13.00	Pass
16QAM	15M	2577.5	75	0	6.06	13.00	Pass
QPSK	15M	2595.0	1	0	7.19	13.00	Pass
QPSK	15M	2595.0	1	38	8.07	13.00	Pass
QPSK	15M	2595.0	1	74	7.85	13.00	Pass
QPSK	15M	2595.0	38	0	5.18	13.00	Pass
QPSK	15M	2595.0	38	37	8.36	13.00	Pass
QPSK	15M	2595.0	75	0	8.44	13.00	Pass
16QAM	15M	2595.0	1	0	8.57	13.00	Pass
16QAM	15M	2595.0	1	38	5.71	13.00	Pass
16QAM	15M	2595.0	1	74	8.29	13.00	Pass
16QAM	15M	2595.0	38	0	8.38	13.00	Pass
16QAM	15M	2595.0	38	37	8.38	13.00	Pass
16QAM	15M	2595.0	75	0	6.07	13.00	Pass
QPSK	15M	2612.5	1	0	5.14	13.00	Pass
QPSK	15M	2612.5	1	38	4.81	13.00	Pass
QPSK	15M	2612.5	1	74	7.67	13.00	Pass
QPSK	15M	2612.5	38	0	8.31	13.00	Pass
QPSK	15M	2612.5	38	37	5.21	13.00	Pass
QPSK	15M	2612.5	75	0	8.28	13.00	Pass
16QAM	15M	2612.5	1	0	8.24	13.00	Pass
16QAM	15M	2612.5	1	38	6.65	13.00	Pass
16QAM	15M	2612.5	1	74	7.11	13.00	Pass
16QAM	15M	2612.5	38	0	7.93	13.00	Pass
16QAM	15M	2612.5	38	37	8.57	13.00	Pass
16QAM	15M	2612.5	75	0	8.62	13.00	Pass
QPSK	20M	2580.0	100	0	5.66	13.00	Pass
QPSK	20M	2580.0	1	0	8.61	13.00	Pass
QPSK	20M	2580.0	1	100	8.27	13.00	Pass
QPSK	20M	2580.0	1	50	8.48	13.00	Pass
QPSK	20M	2580.0	48	0	6.92	13.00	Pass
QPSK	20M	2580.0	48	48	6.21	13.00	Pass
16QAM	20M	2580.0	100	0	6.64	13.00	Pass
16QAM	20M	2580.0	1	0	7.98	13.00	Pass
16QAM	20M	2580.0	1	100	5.37	13.00	Pass
16QAM	20M	2580.0	1	50	8.42	13.00	Pass
16QAM	20M	2580.0	48	0	8.35	13.00	Pass
16QAM	20M	2580.0	48	48	8.58	13.00	Pass
QPSK	20M	2595.0	100	0	5.85	13.00	Pass
QPSK	20M	2595.0	1	0	8.84	13.00	Pass
QPSK	20M	2595.0	1	100	8.43	13.00	Pass
QPSK	20M	2595.0	1	50	8.55	13.00	Pass
QPSK	20M	2595.0	48	0	5.73	13.00	Pass
QPSK	20M	2595.0	48	48	8.55	13.00	Pass
16QAM	20M	2595.0	100	0	9.48	13.00	Pass
16QAM	20M	2595.0	1	0	5.28	13.00	Pass
16QAM	20M	2595.0	1	100	8.28	13.00	Pass
16QAM	20M	2595.0	1	50	8.37	13.00	Pass
16QAM	20M	2595.0	48	0	8.74	13.00	Pass
16QAM	20M	2595.0	48	48	8.49	13.00	Pass
QPSK	20M	2610.0	100	0	8.11	13.00	Pass
QPSK	20M	2610.0	1	0	7.54	13.00	Pass
QPSK	20M	2610.0	1	100	8.67	13.00	Pass
QPSK	20M	2610.0	1	50	4.84	13.00	Pass
QPSK	20M	2610.0	48	0	5.67	13.00	Pass
QPSK	20M	2610.0	48	48	8.66	13.00	Pass

16QAM	20M	2610.0	100	0	8.39	13.00	Pass
16QAM	20M	2610.0	1	0	8.59	13.00	Pass
16QAM	20M	2610.0	1	100	6.23	13.00	Pass
16QAM	20M	2610.0	1	50	8.25	13.00	Pass
16QAM	20M	2610.0	48	0	8.47	13.00	Pass
16QAM	20M	2610.0	48	48	6.59	13.00	Pass

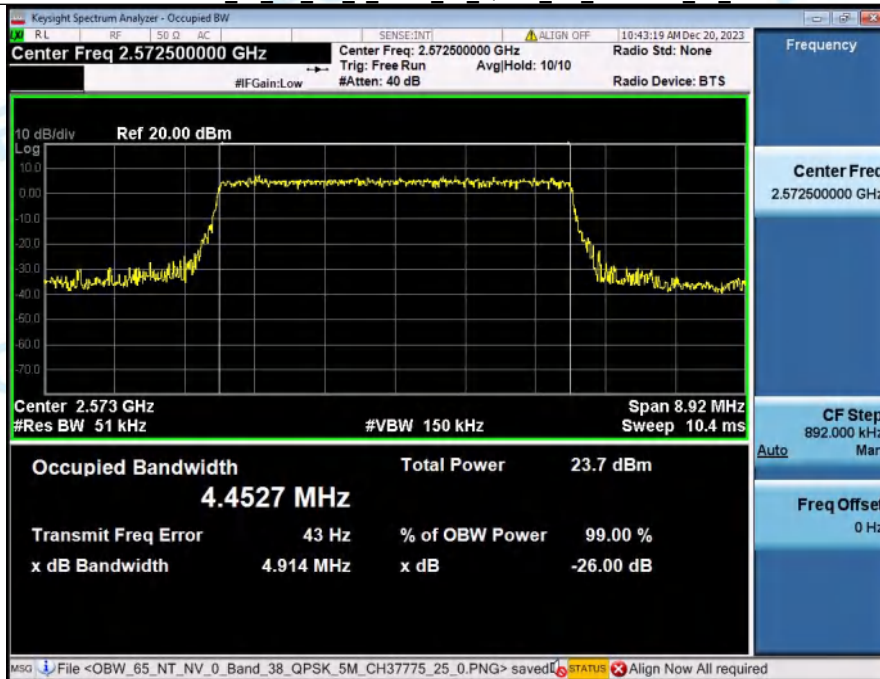
3. Occupied Bandwidth

Condition	Band	Modulation	BW(MHz)	Frequency(MHz)	RB_Size	RB_start	OBW(MHz)	-26EBW(MHz)
NV_NT	Band 38	QPSK	5M	2572.5	25	0	4.46	4.91
NV_NT	Band 38	16QAM	5M	2572.5	25	0	4.45	4.90
NV_NT	Band 38	QPSK	5M	2595.0	25	0	4.46	4.82
NV_NT	Band 38	16QAM	5M	2595.0	25	0	4.45	4.89
NV_NT	Band 38	QPSK	5M	2617.5	25	0	4.45	4.91
NV_NT	Band 38	16QAM	5M	2617.5	25	0	4.46	4.90
NV_NT	Band 38	QPSK	10M	2575.0	50	0	8.93	9.73
NV_NT	Band 38	16QAM	10M	2575.0	50	0	8.94	9.92
NV_NT	Band 38	QPSK	10M	2595.0	50	0	8.94	9.73
NV_NT	Band 38	16QAM	10M	2595.0	50	0	8.93	9.75
NV_NT	Band 38	QPSK	10M	2615.0	50	0	8.94	9.70
NV_NT	Band 38	16QAM	10M	2615.0	50	0	8.94	9.66
NV_NT	Band 38	QPSK	15M	2577.5	75	0	13.41	14.51
NV_NT	Band 38	16QAM	15M	2577.5	75	0	13.40	14.34
NV_NT	Band 38	QPSK	15M	2595.0	75	0	13.42	14.63
NV_NT	Band 38	16QAM	15M	2595.0	75	0	13.41	14.60
NV_NT	Band 38	QPSK	15M	2612.5	75	0	13.40	14.60
NV_NT	Band 38	16QAM	15M	2612.5	75	0	13.41	14.67
NV_NT	Band 38	QPSK	20M	2580.0	100	0	17.87	19.35
NV_NT	Band 38	16QAM	20M	2580.0	100	0	17.89	19.12
NV_NT	Band 38	QPSK	20M	2595.0	100	0	17.89	19.21
NV_NT	Band 38	16QAM	20M	2595.0	100	0	17.86	19.13
NV_NT	Band 38	QPSK	20M	2610.0	100	0	17.90	19.26
NV_NT	Band 38	16QAM	20M	2610.0	100	0	17.89	19.33

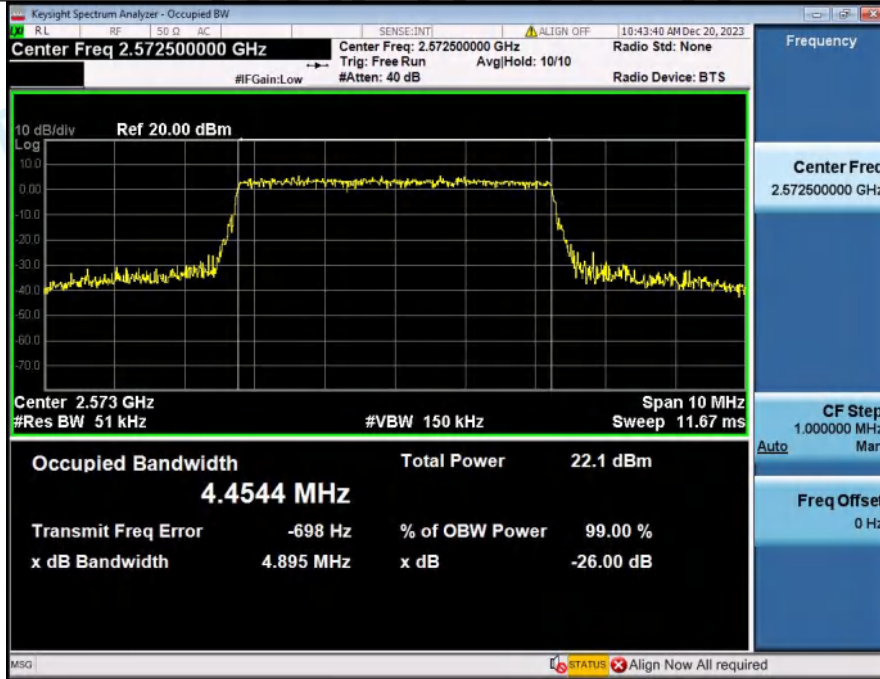
OBW 65 NT NV 0 Band 38 QPSK 5M CH37775 25 0



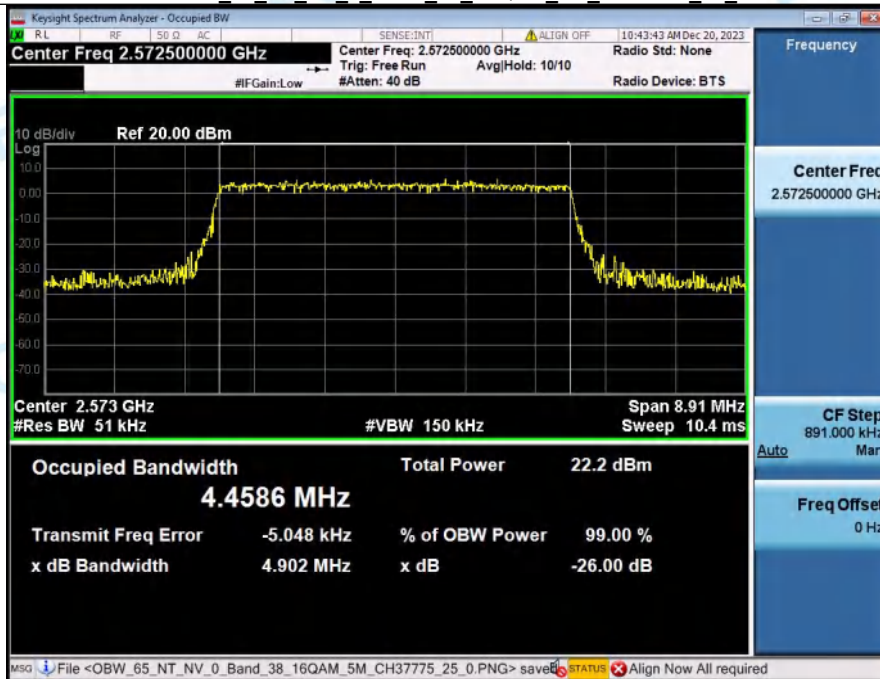
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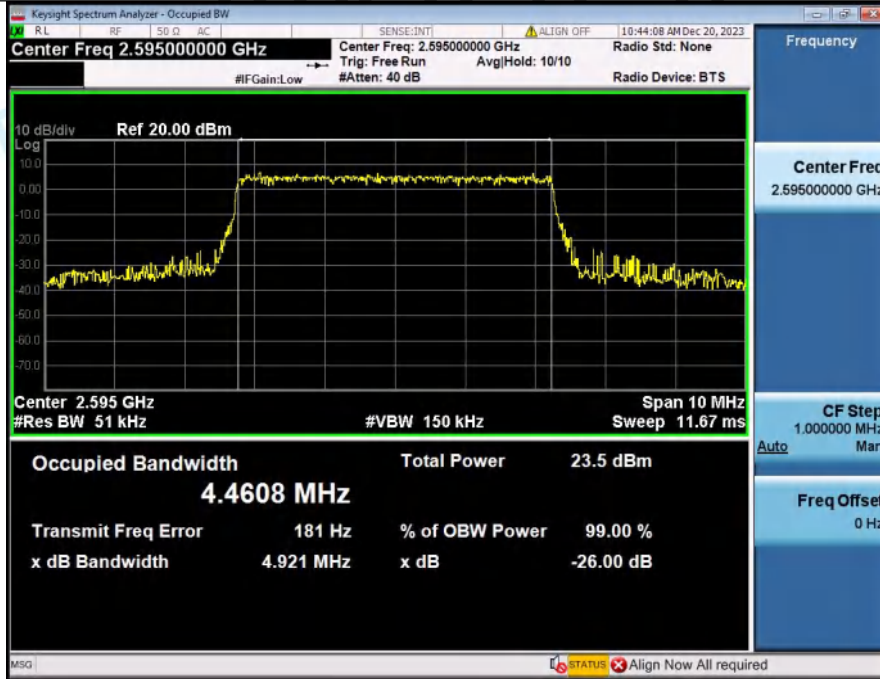
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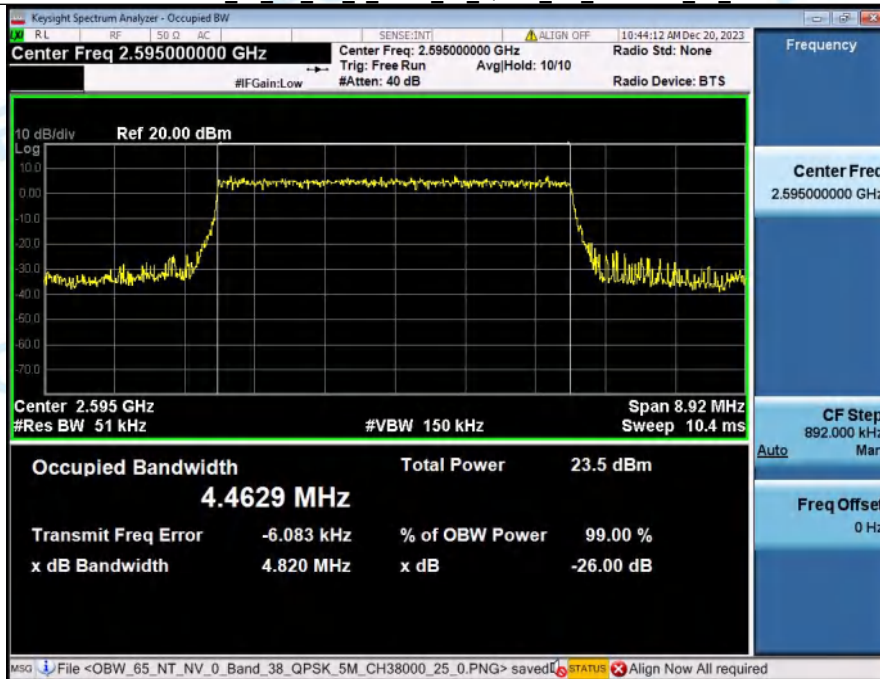
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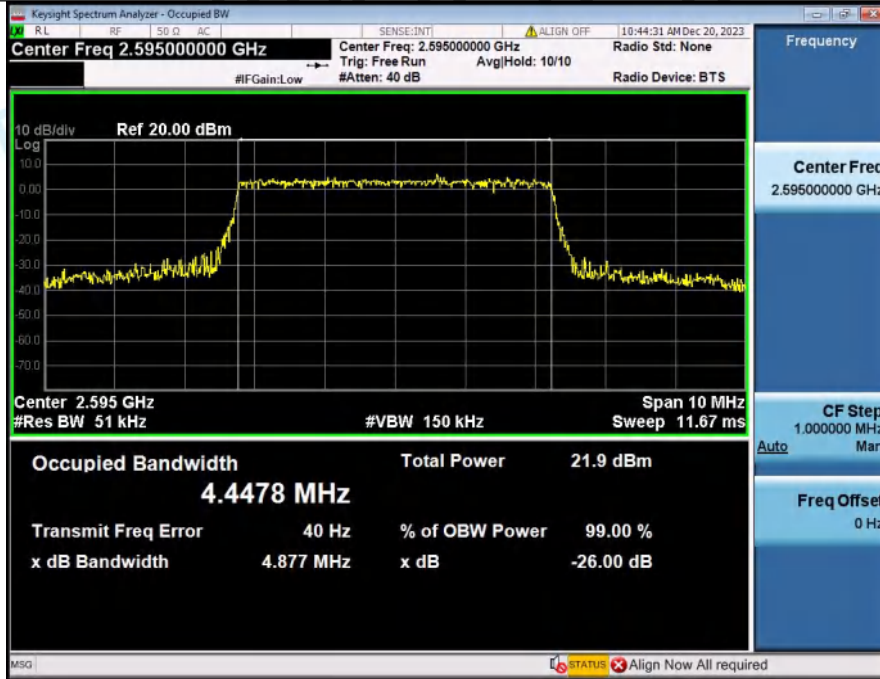
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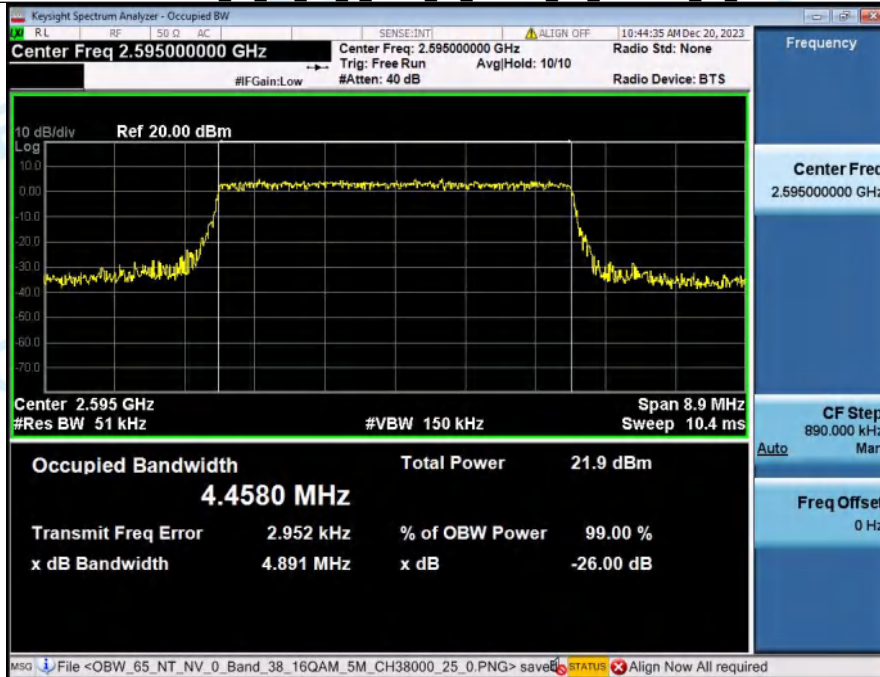
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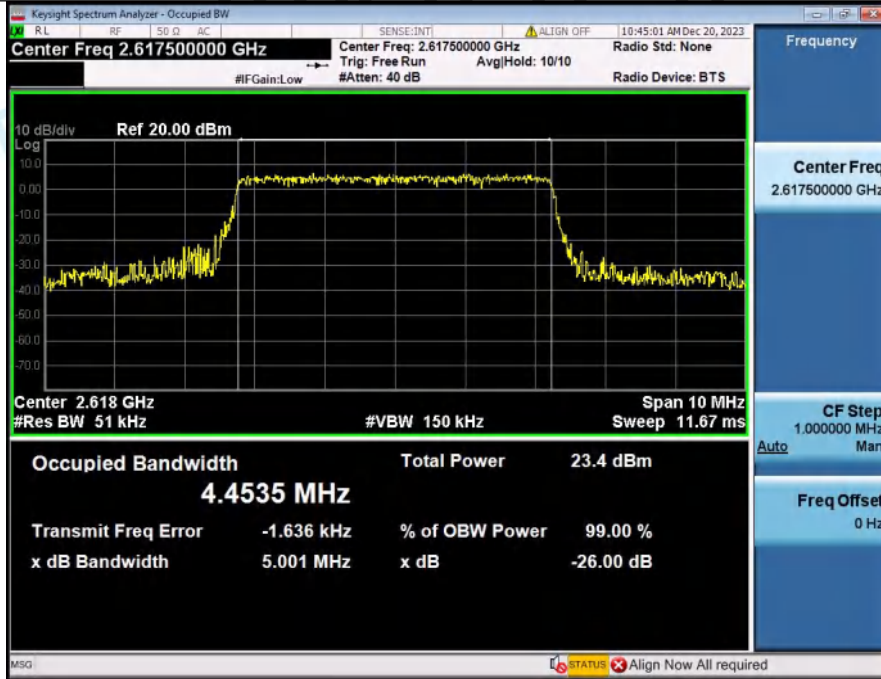
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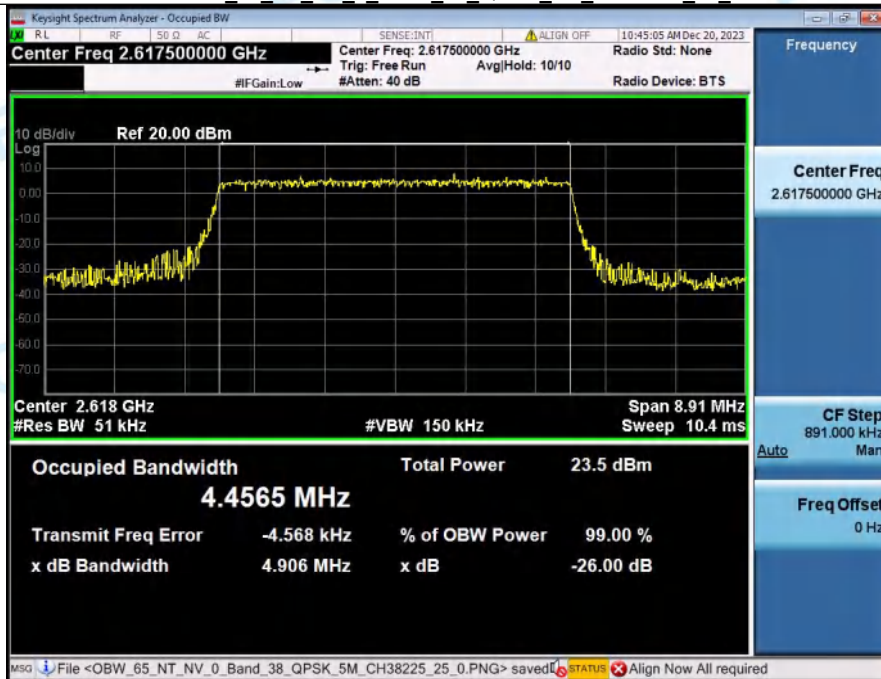
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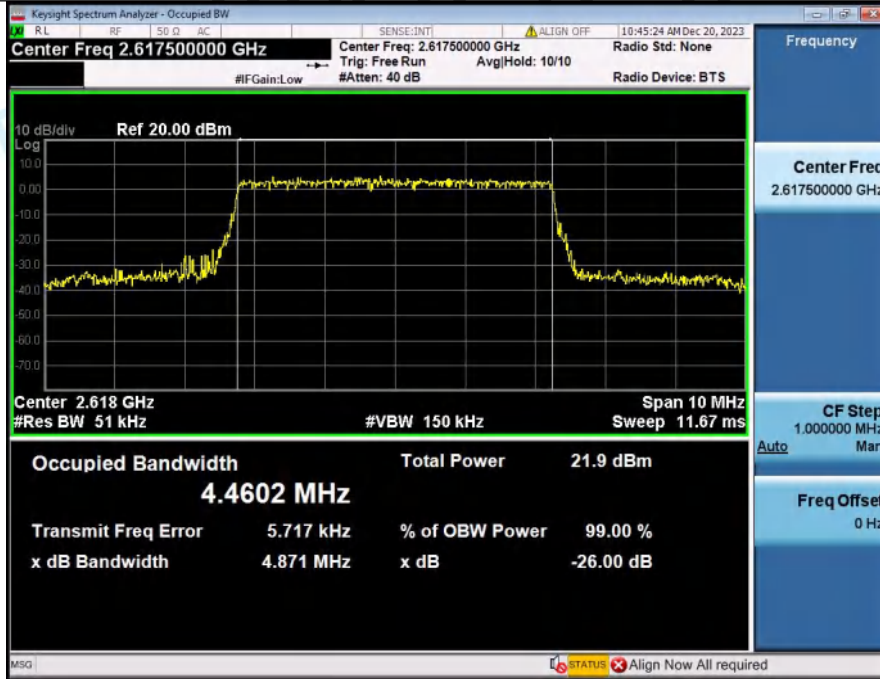
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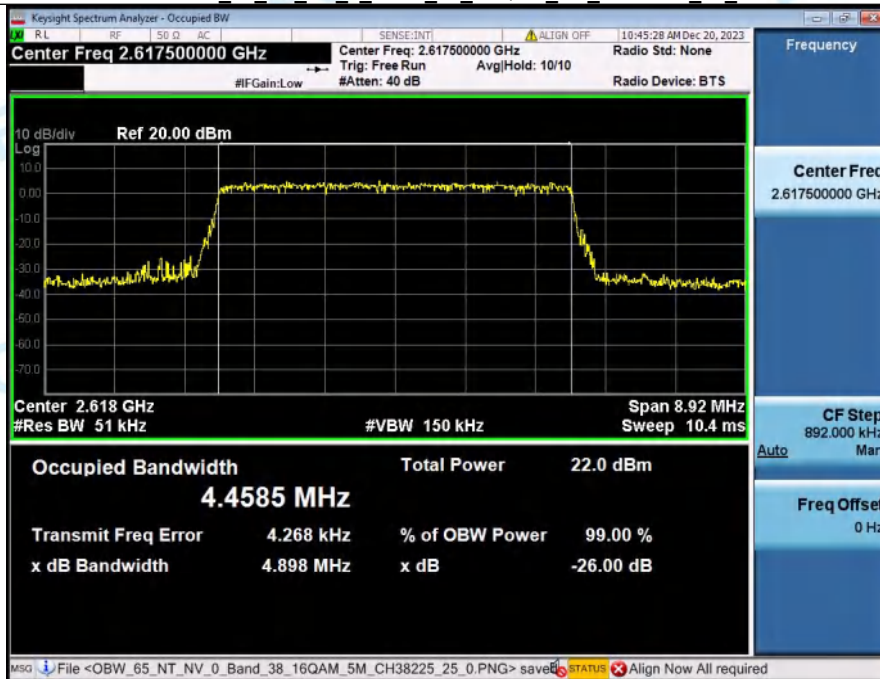
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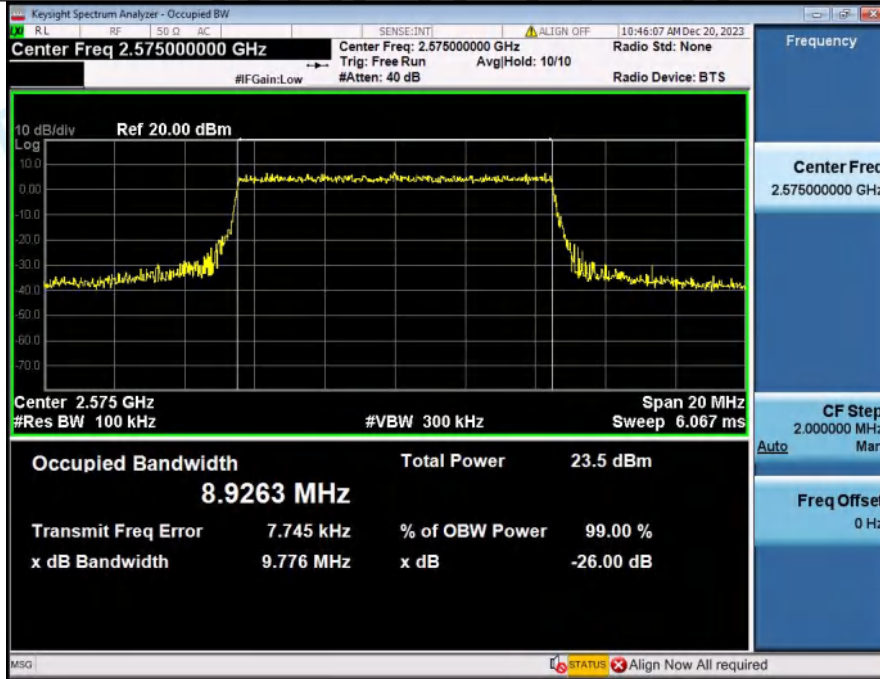
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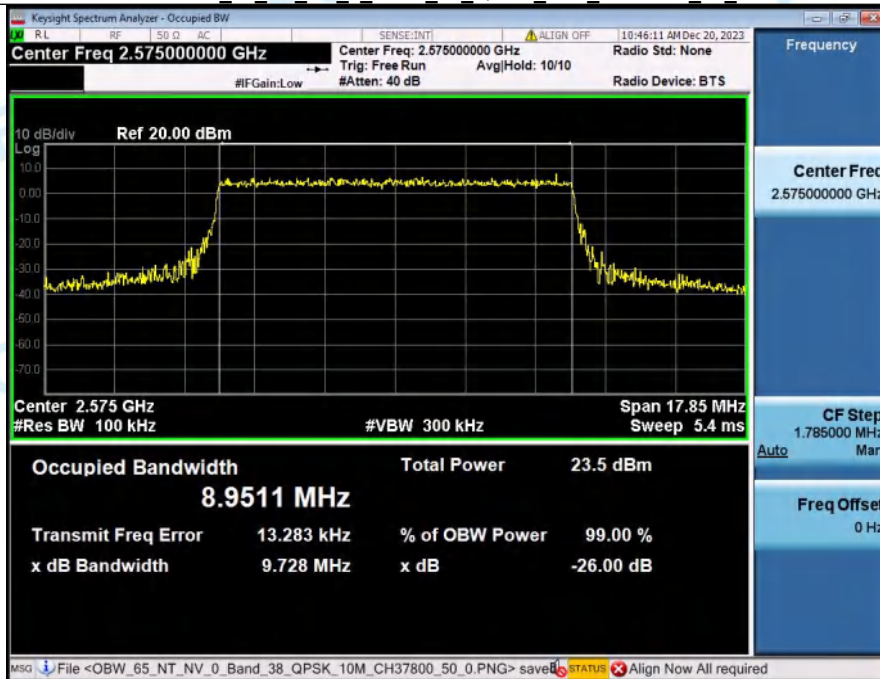
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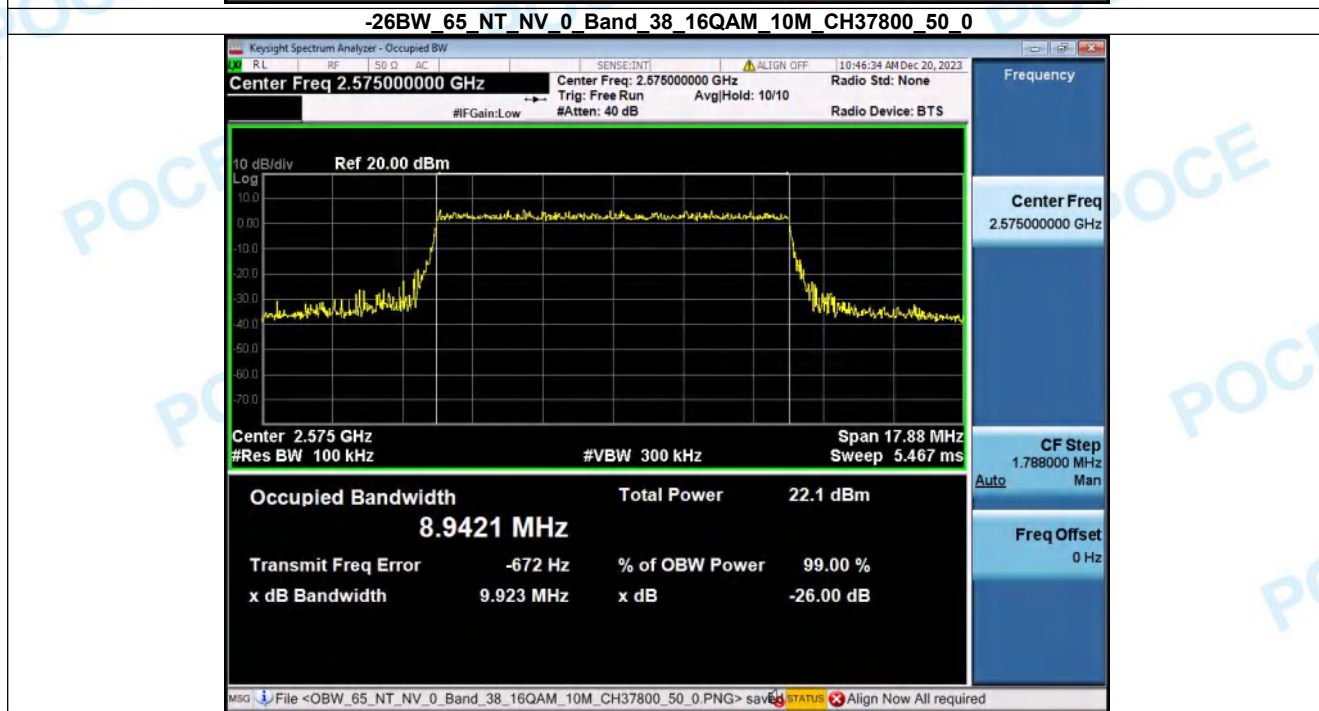
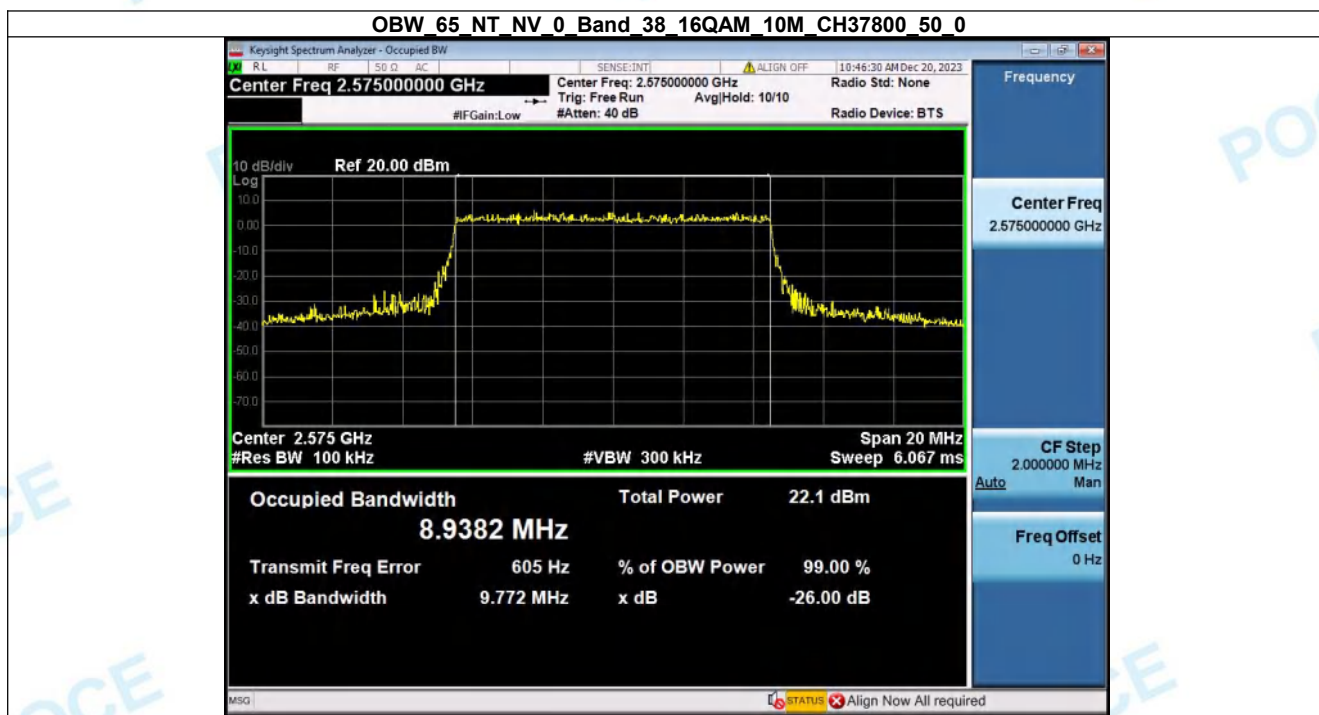


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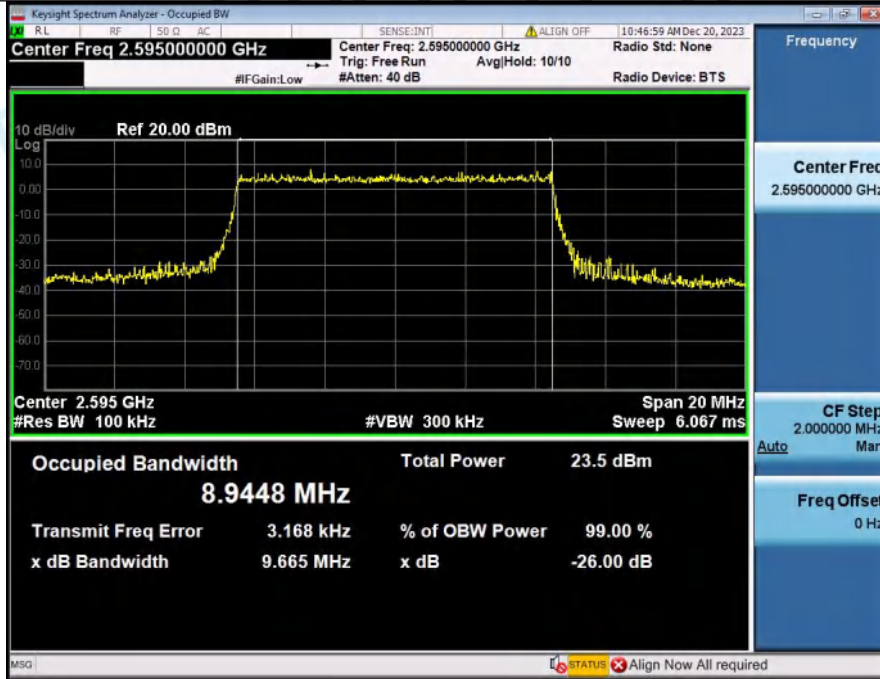


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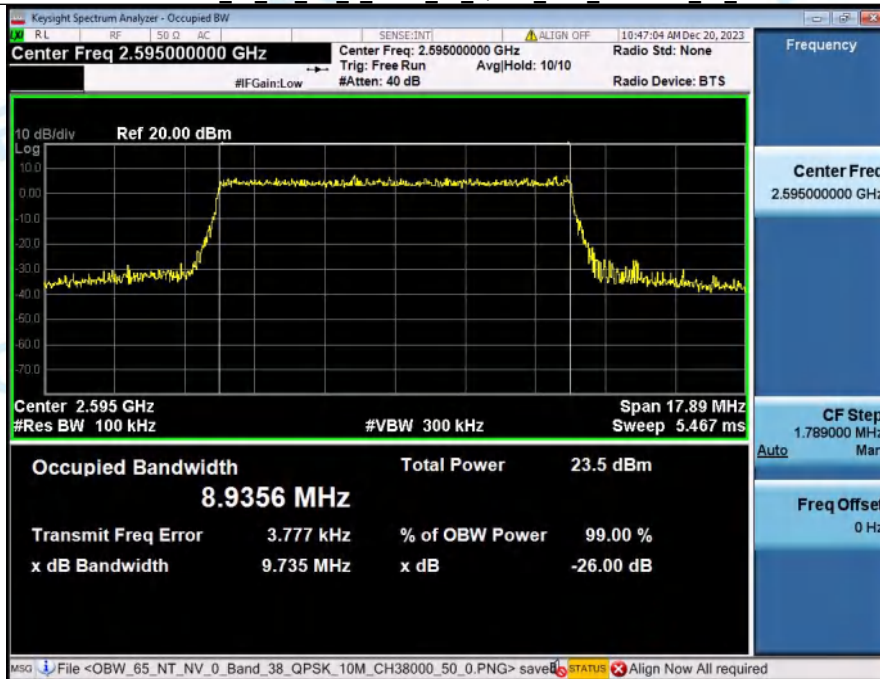


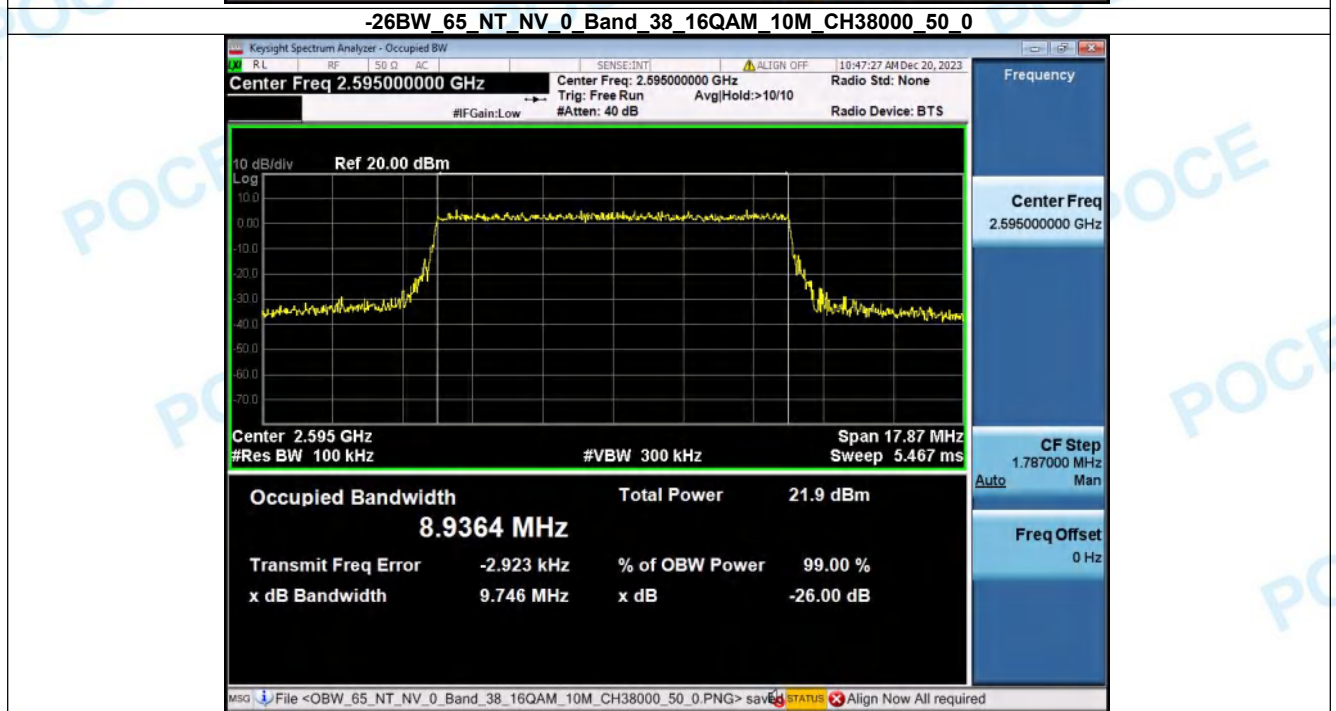
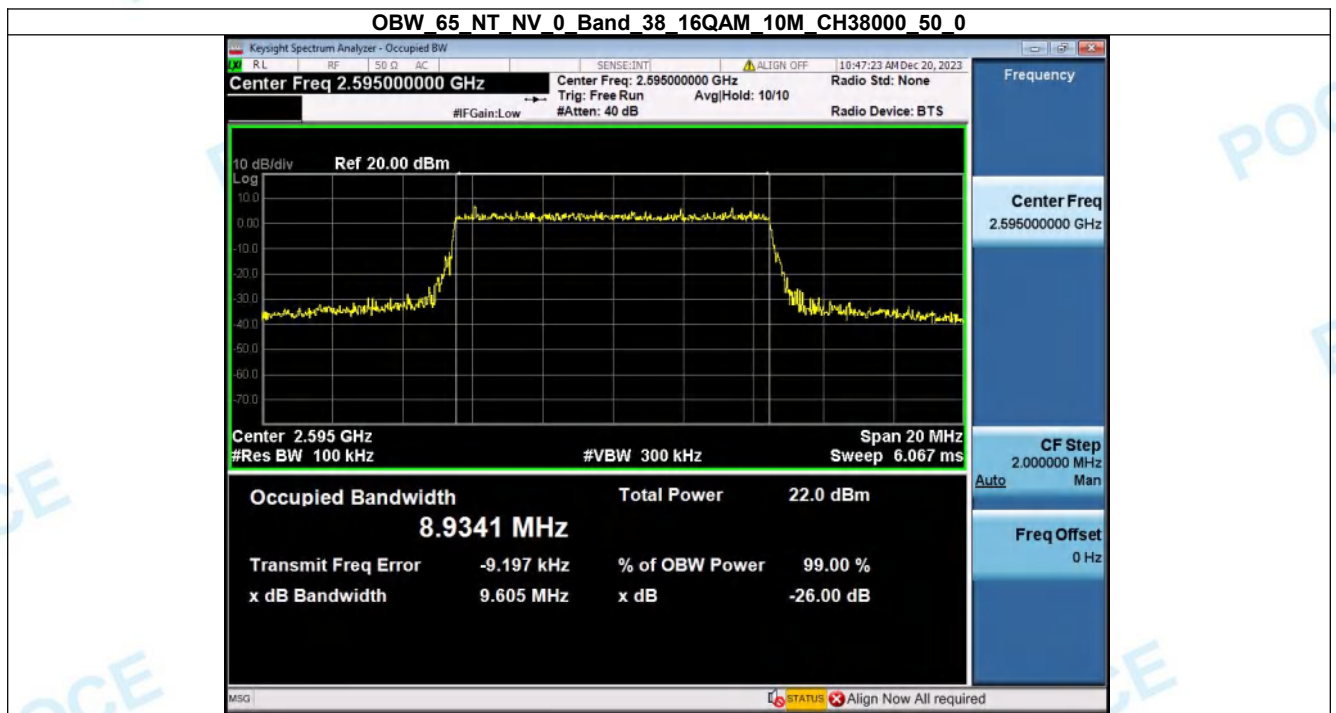


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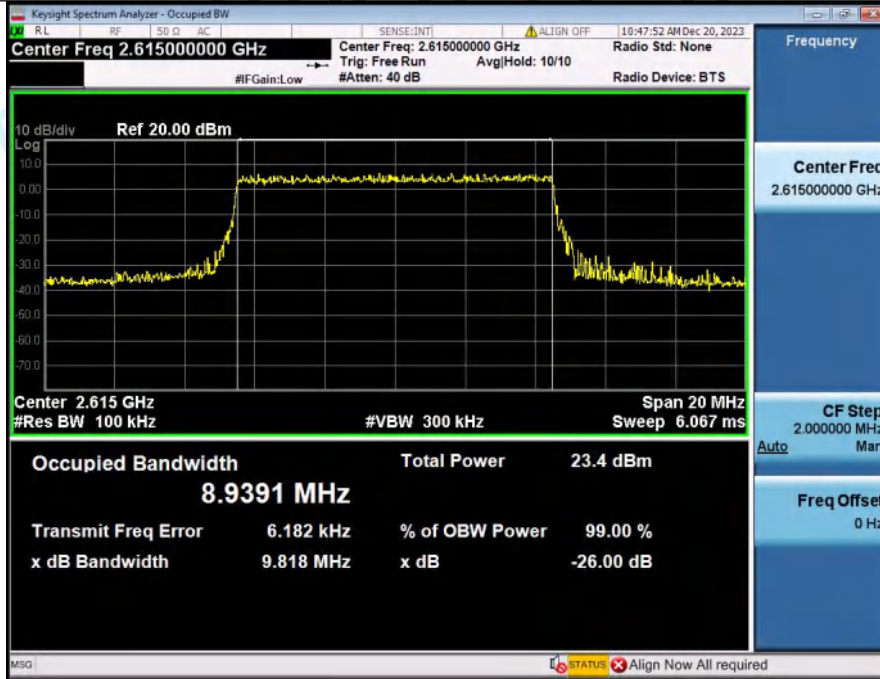


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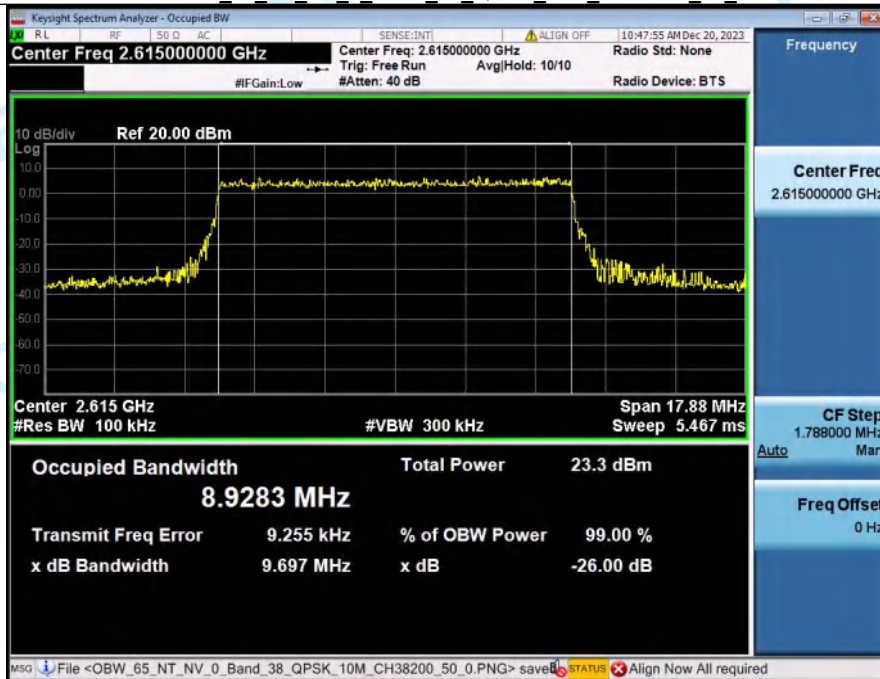




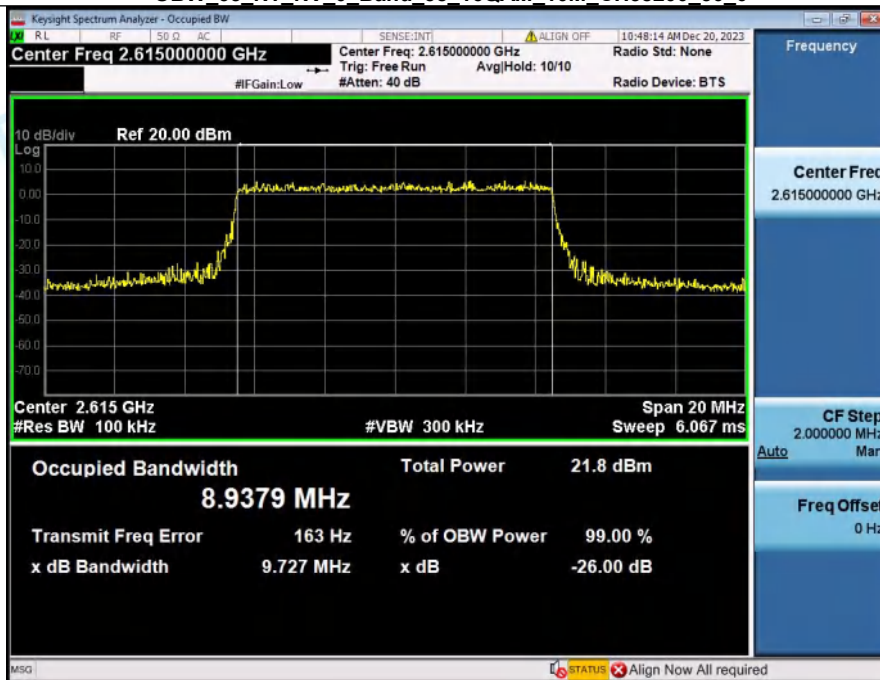
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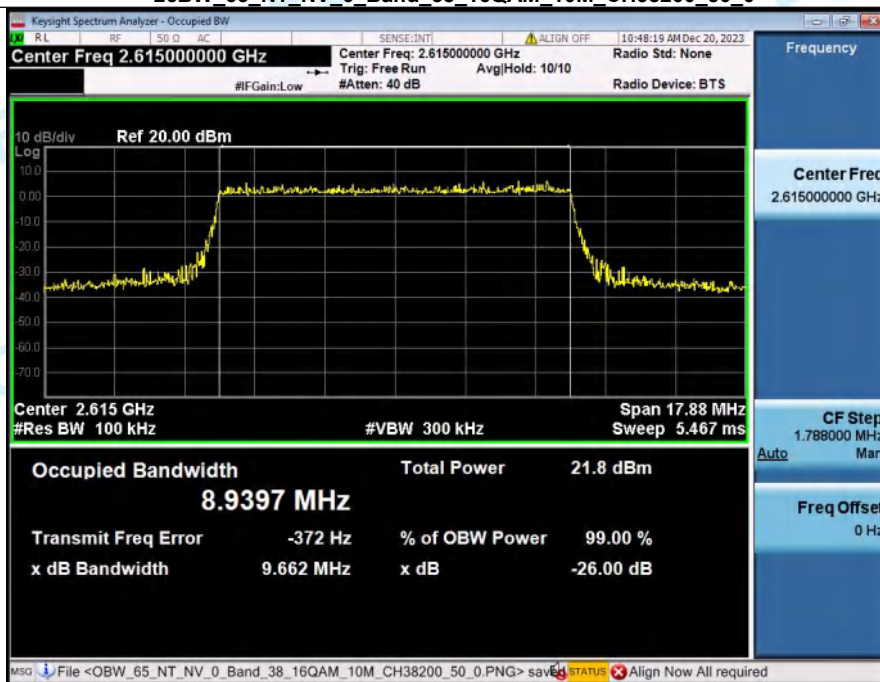
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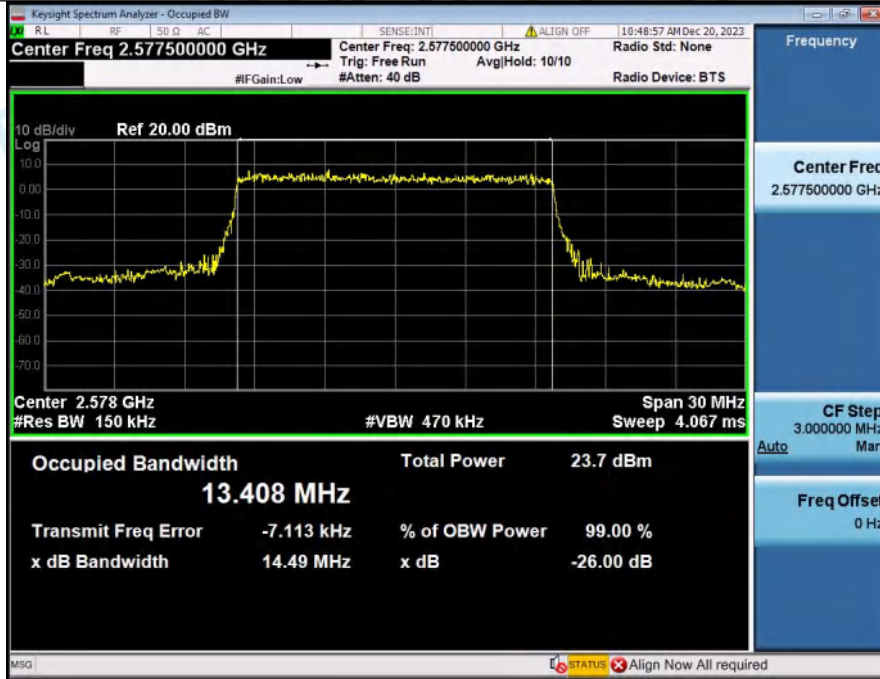
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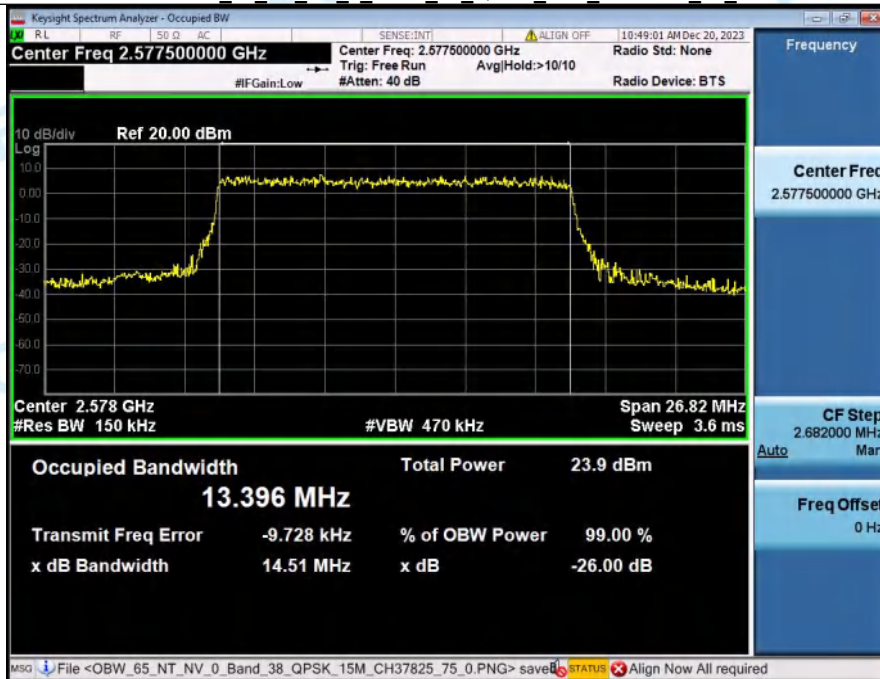
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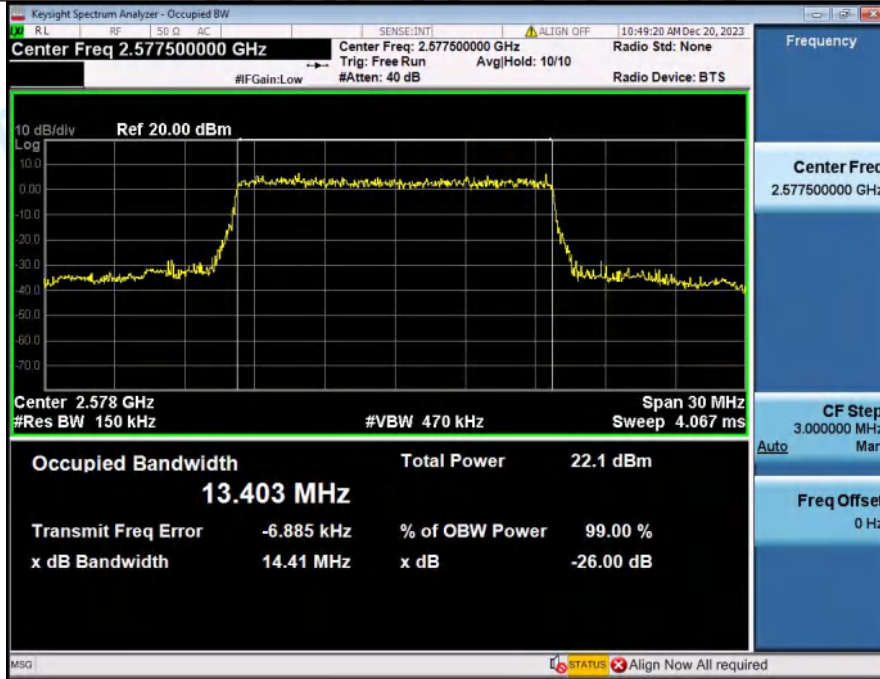
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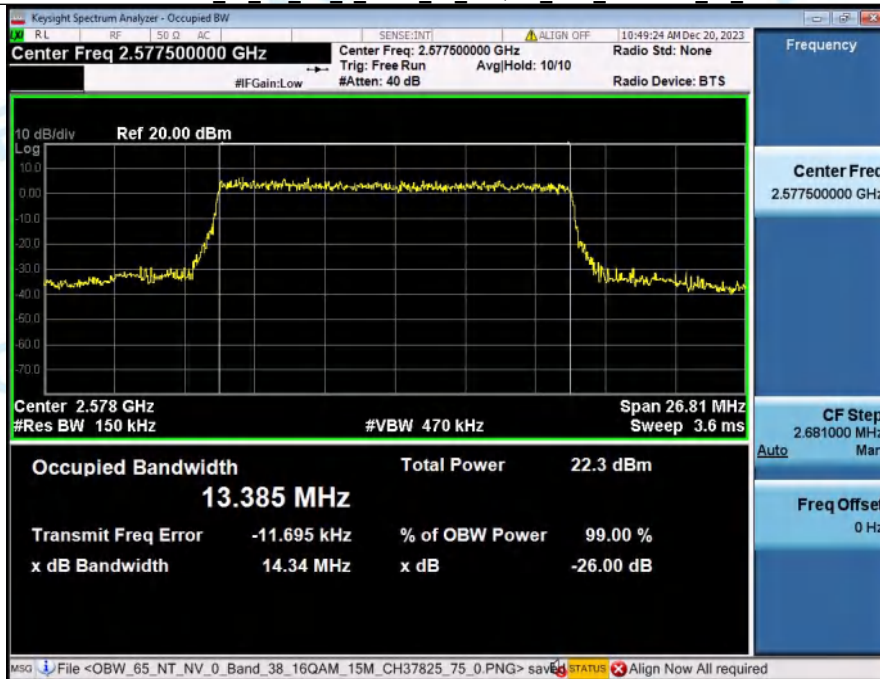
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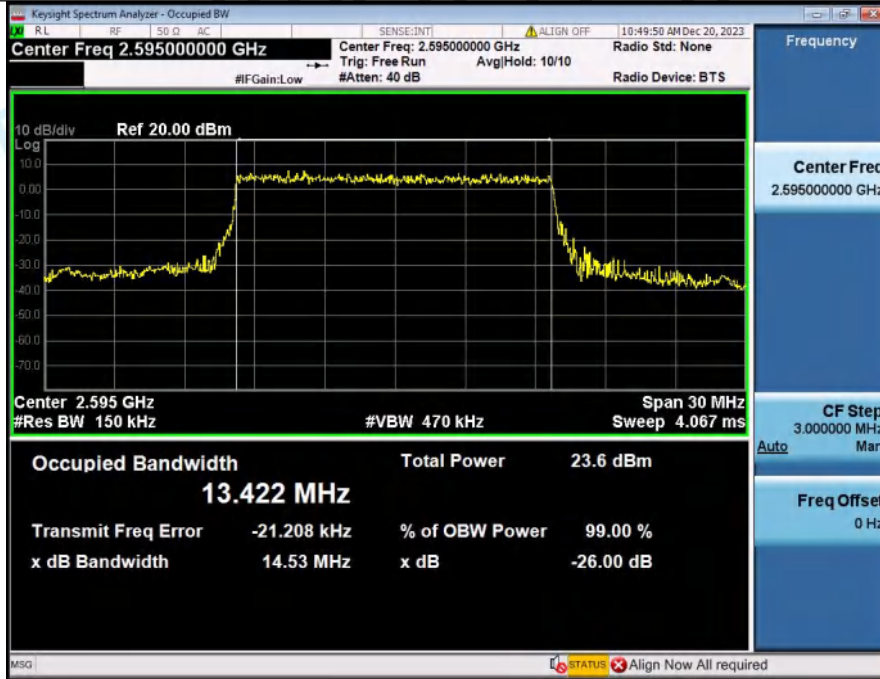
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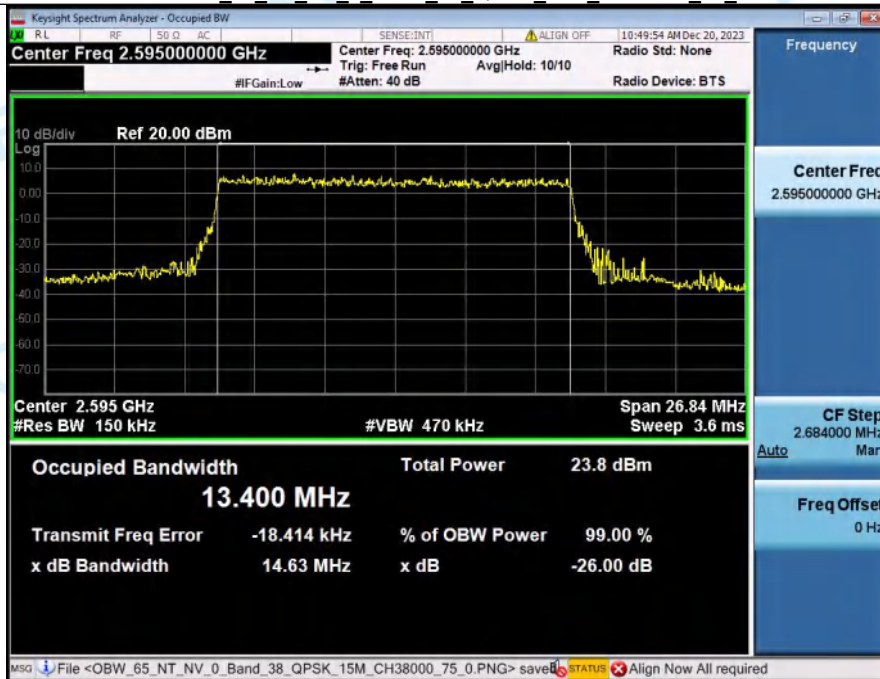
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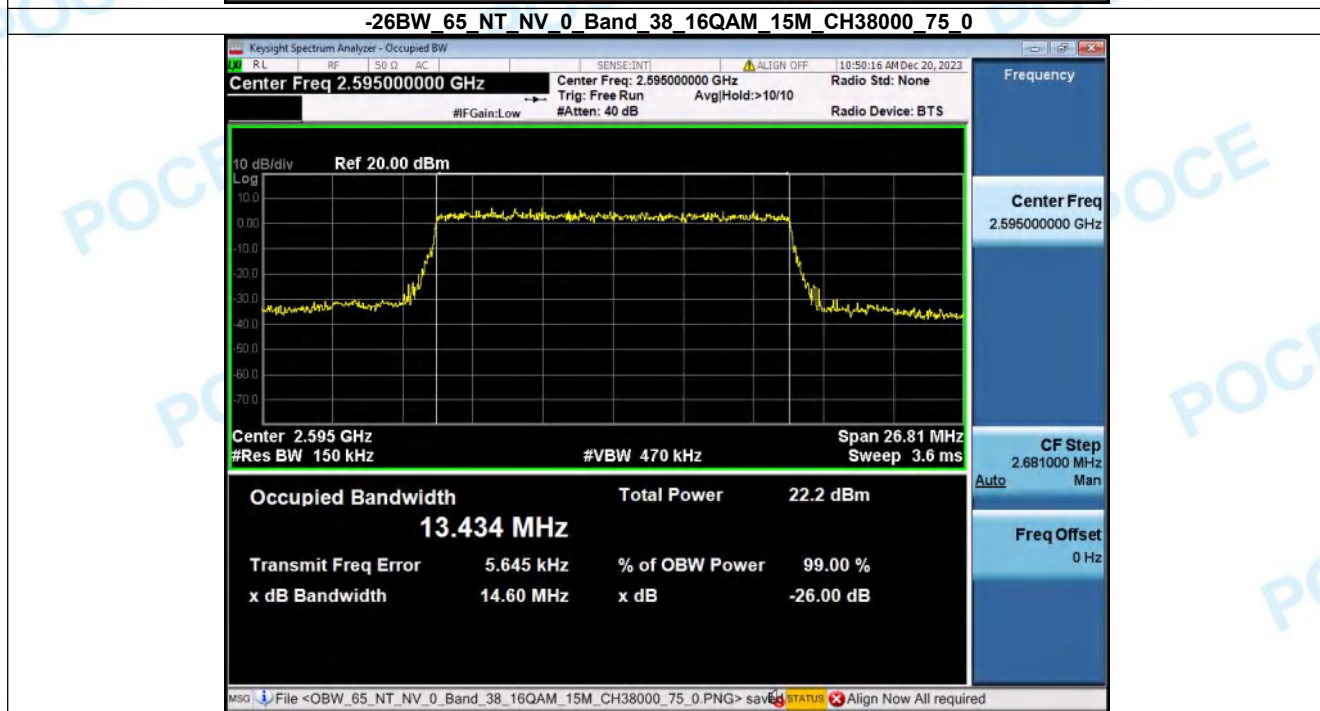
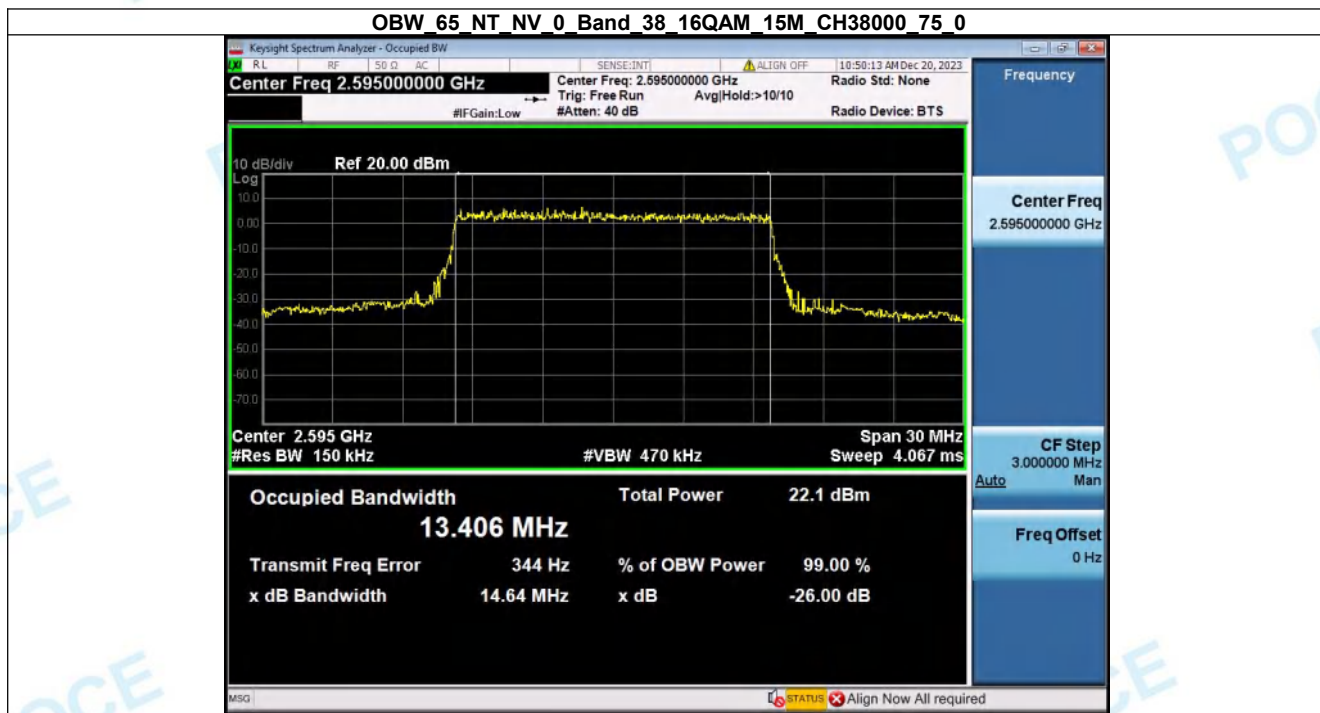


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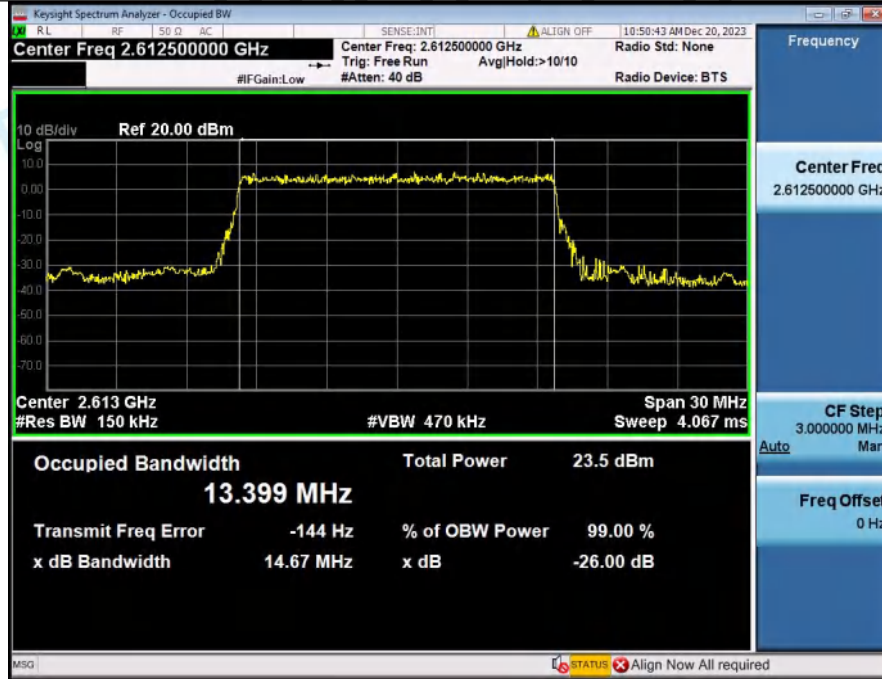


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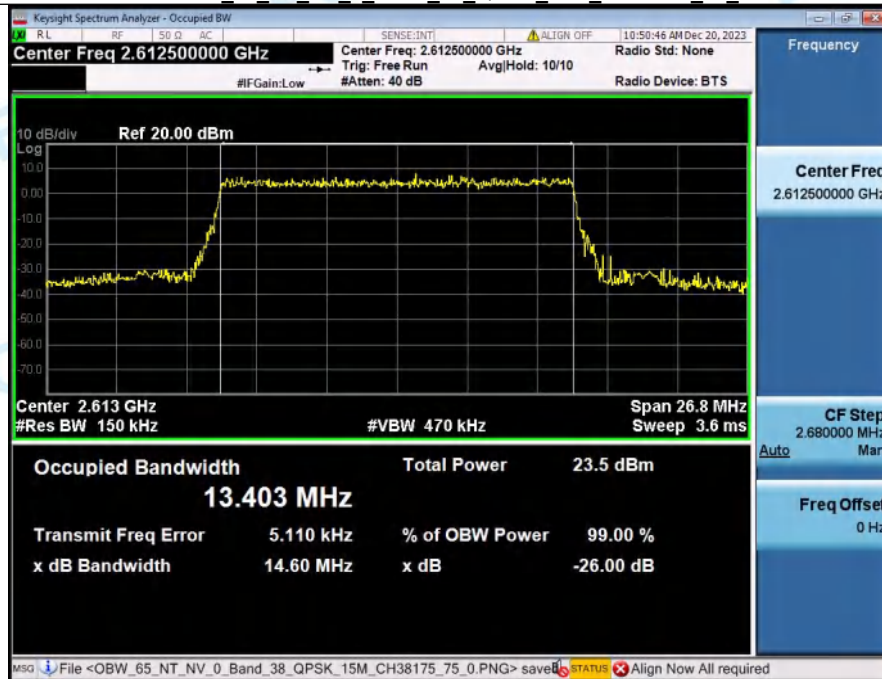


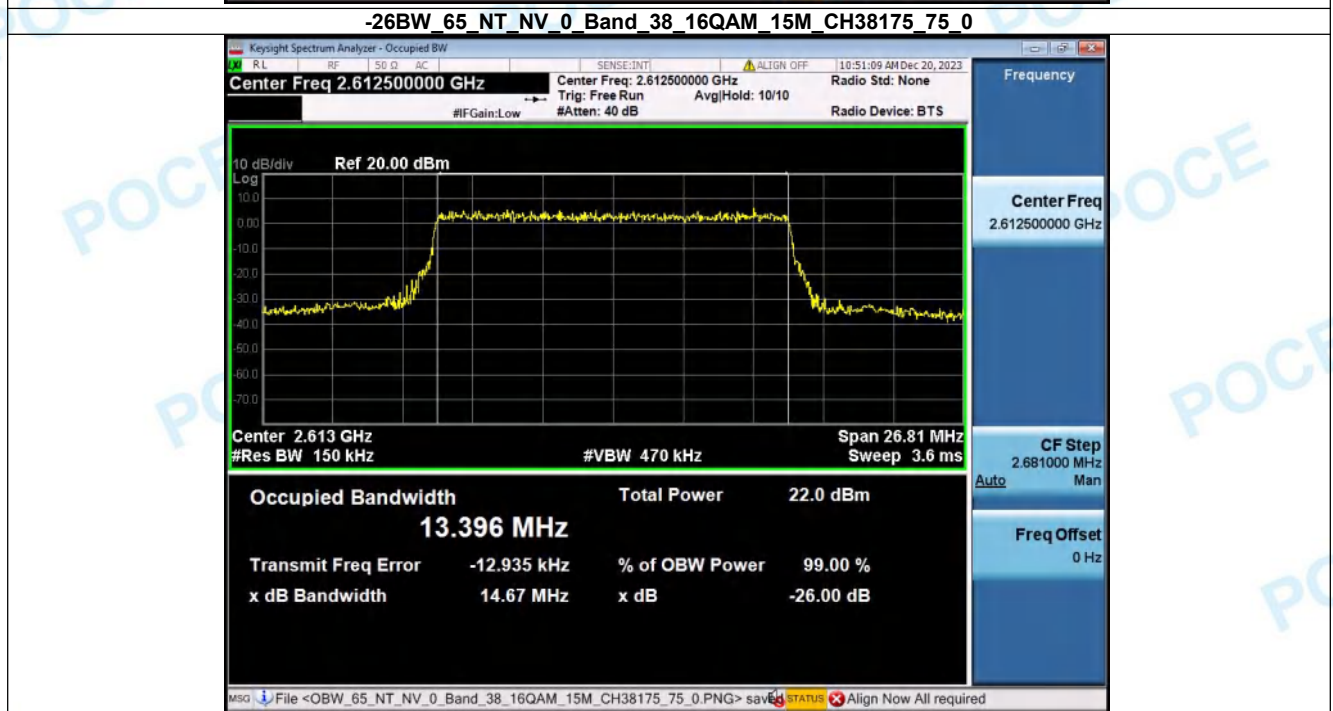
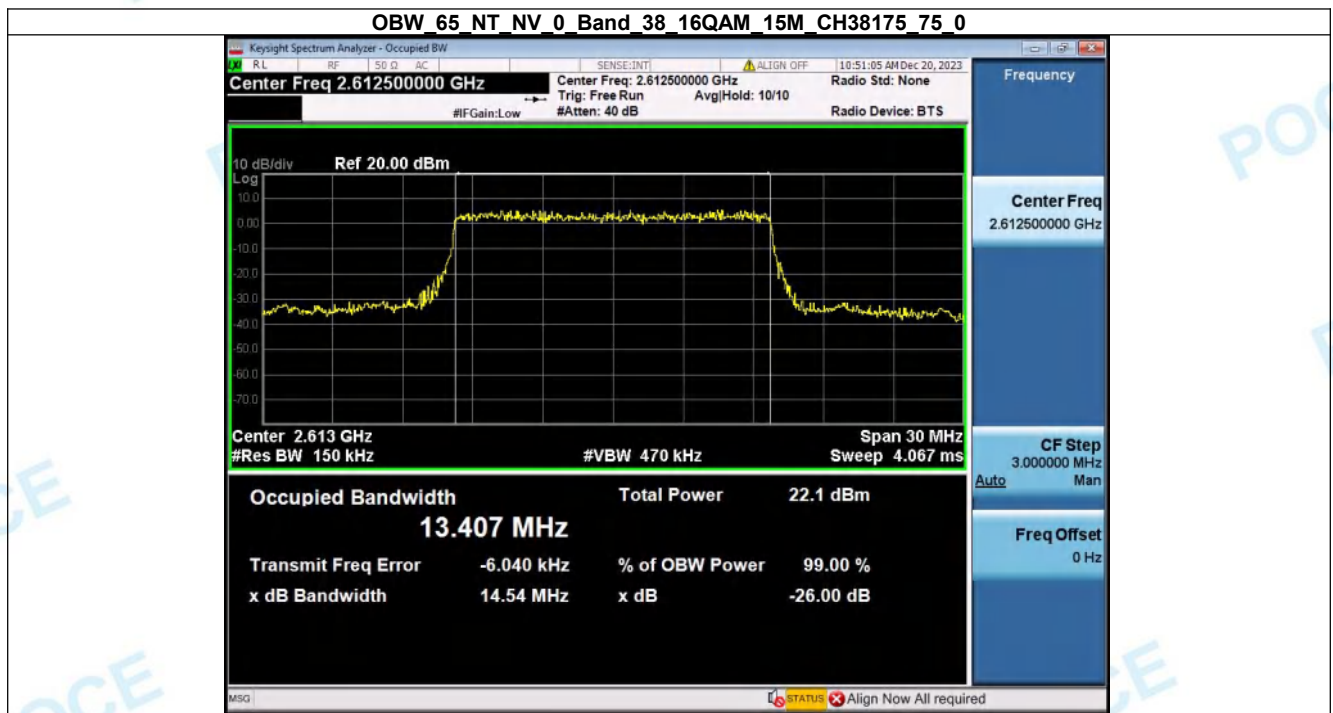


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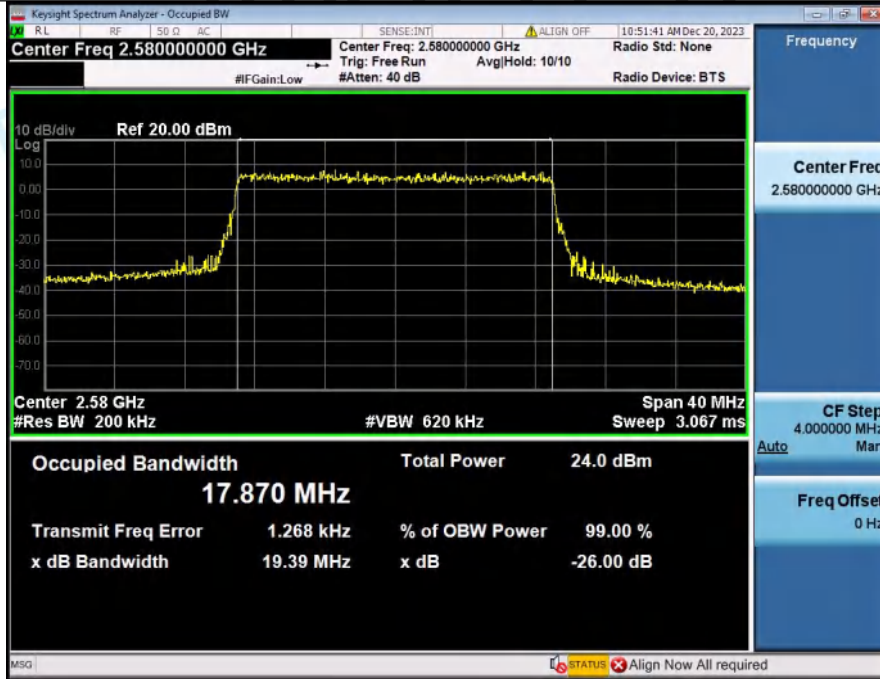


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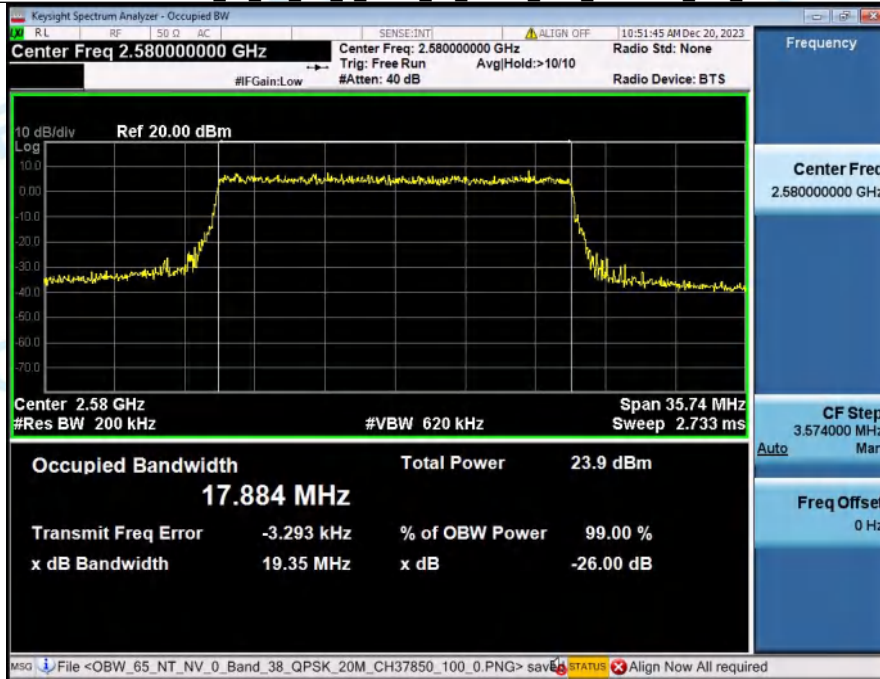


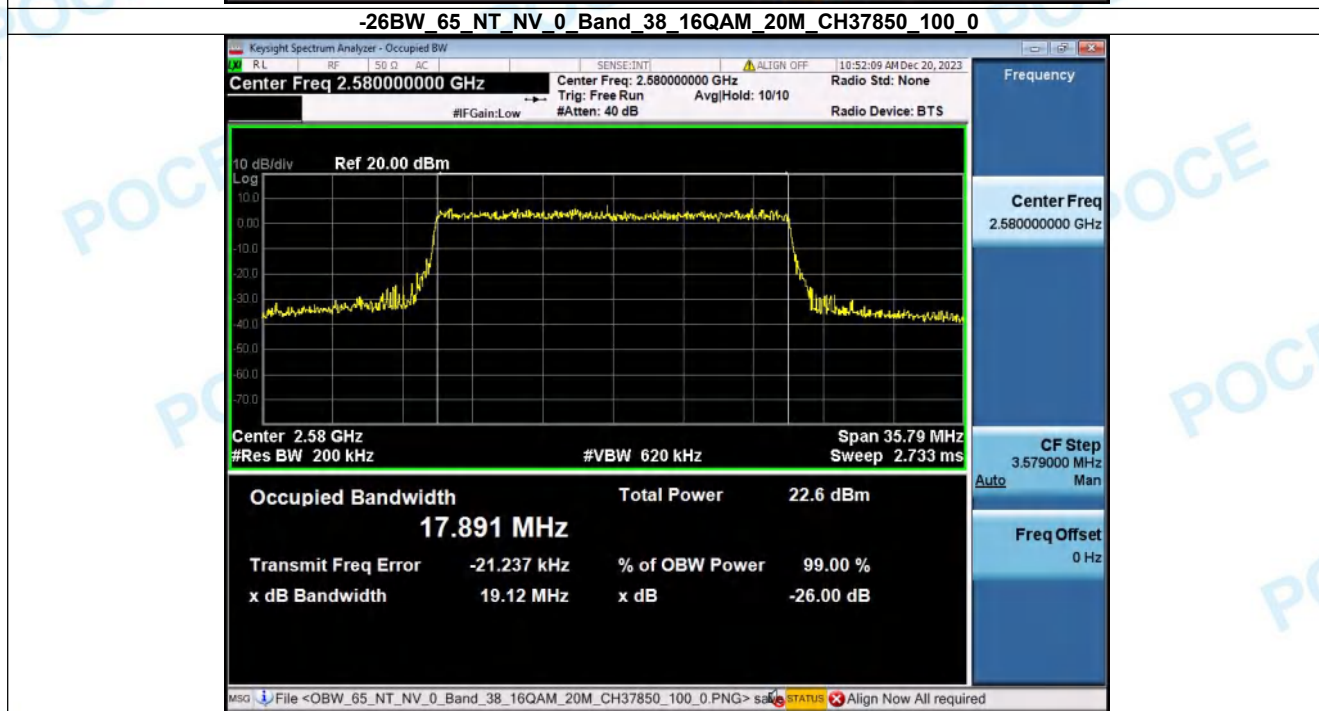
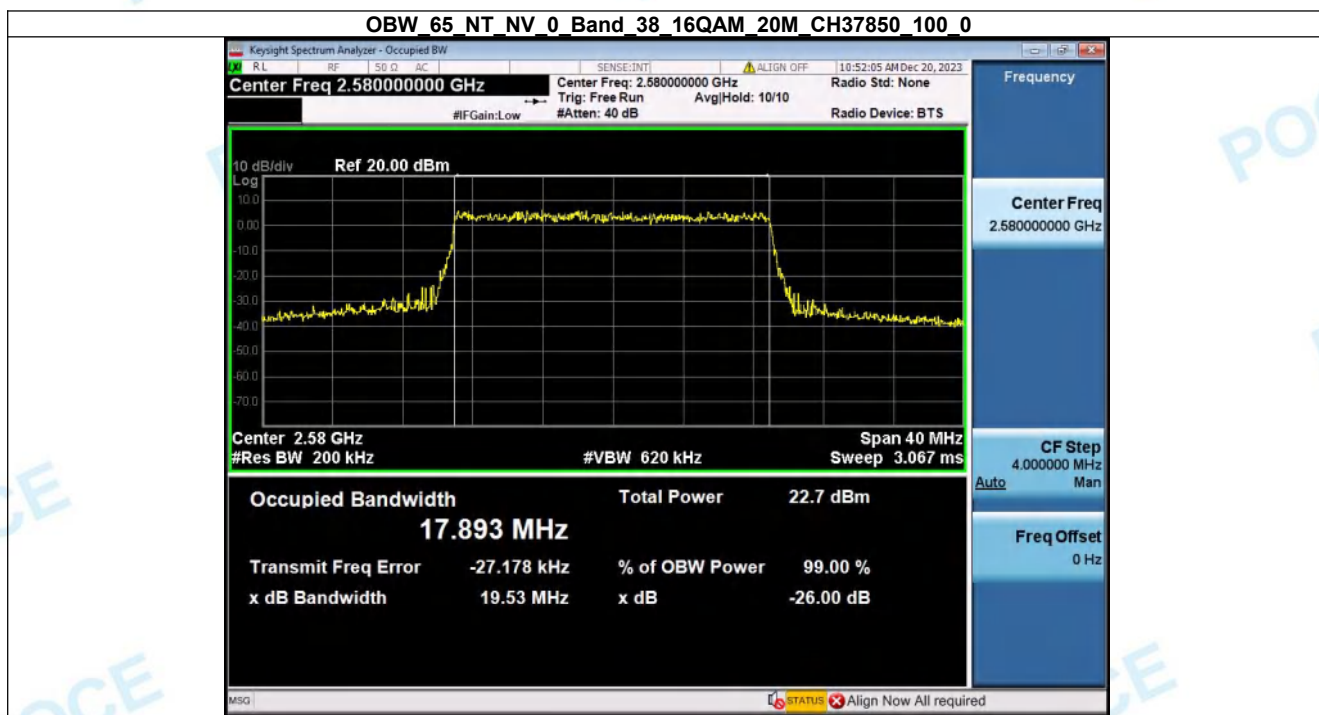


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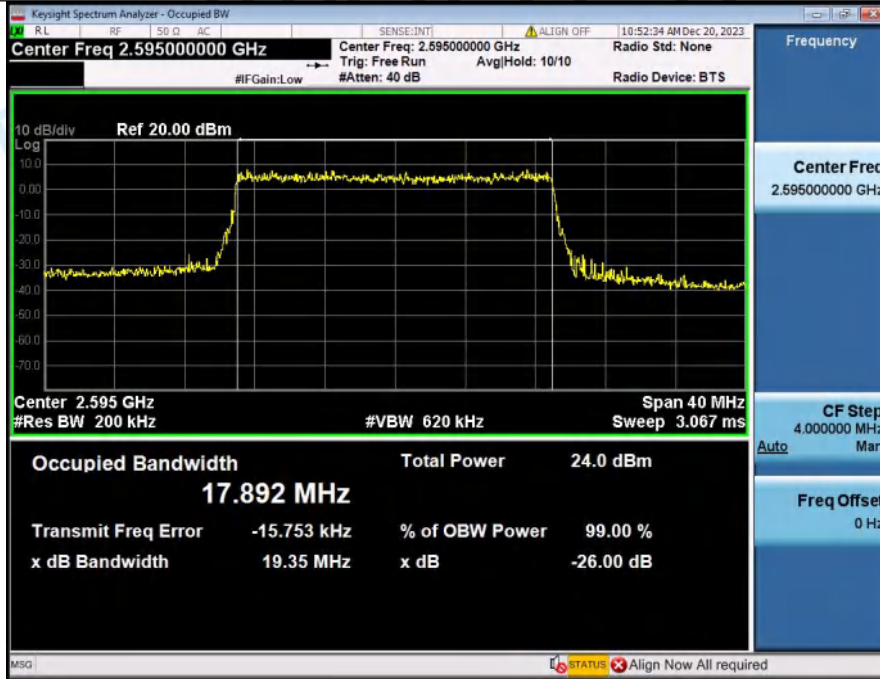


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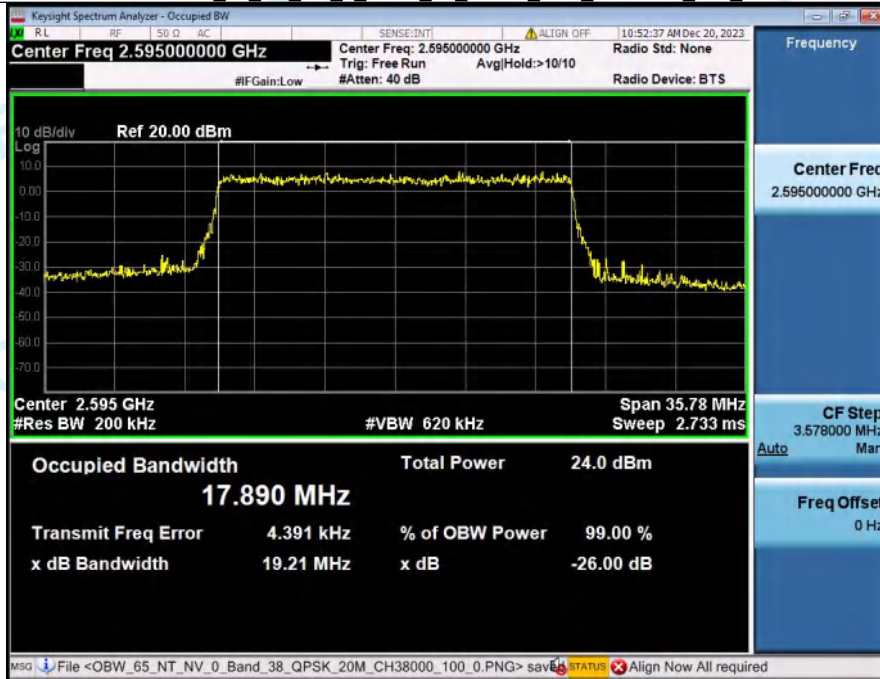


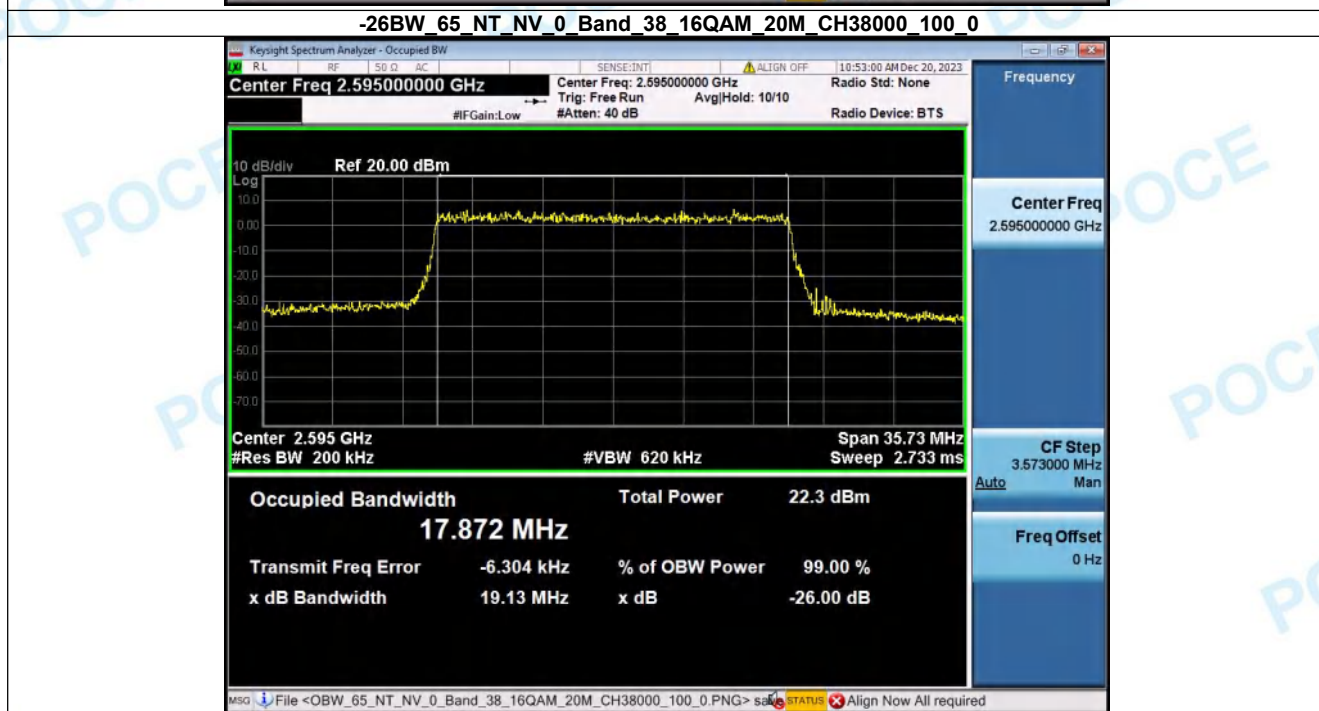
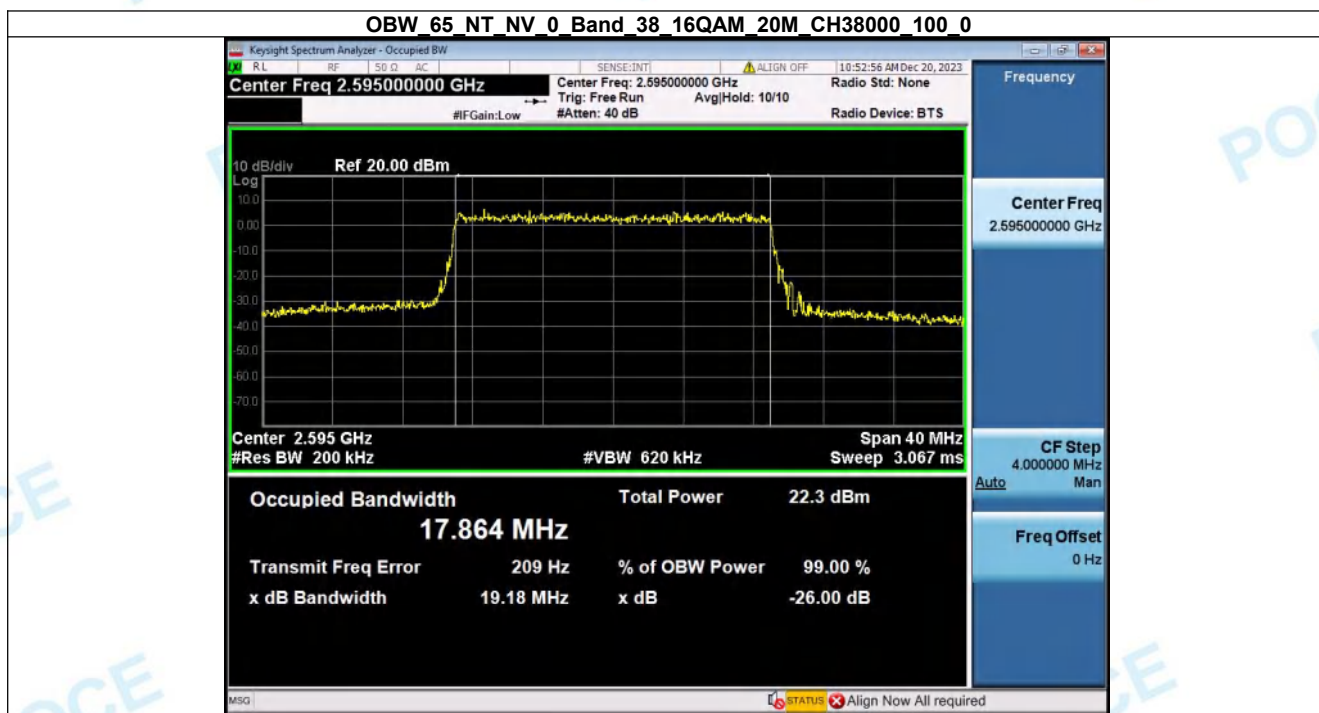


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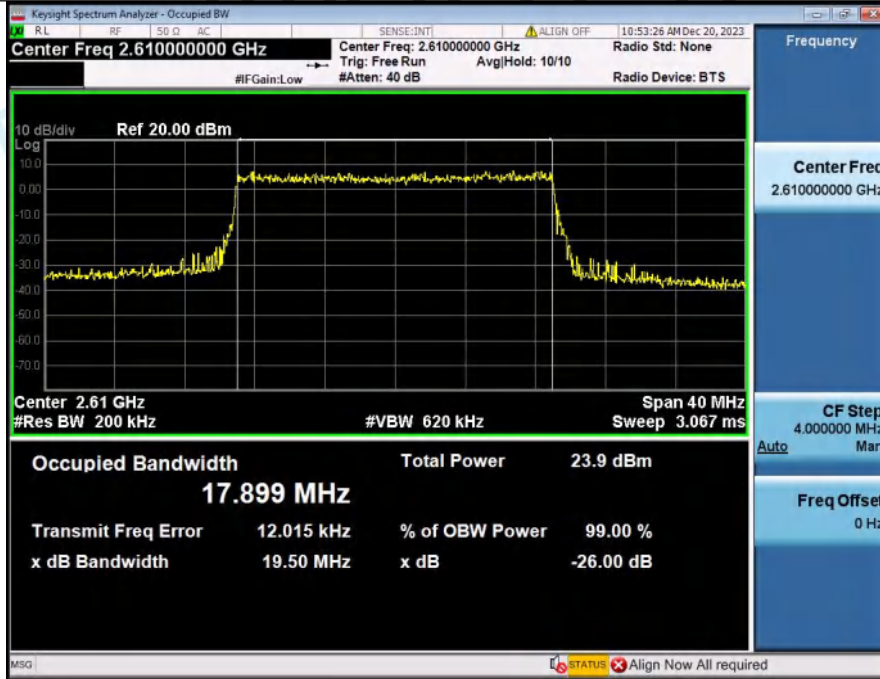


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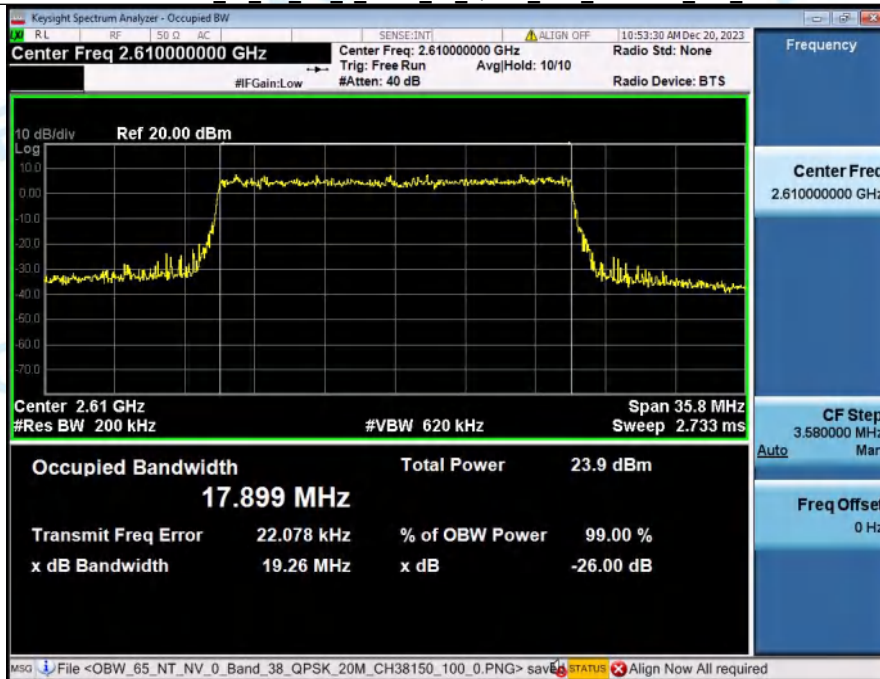


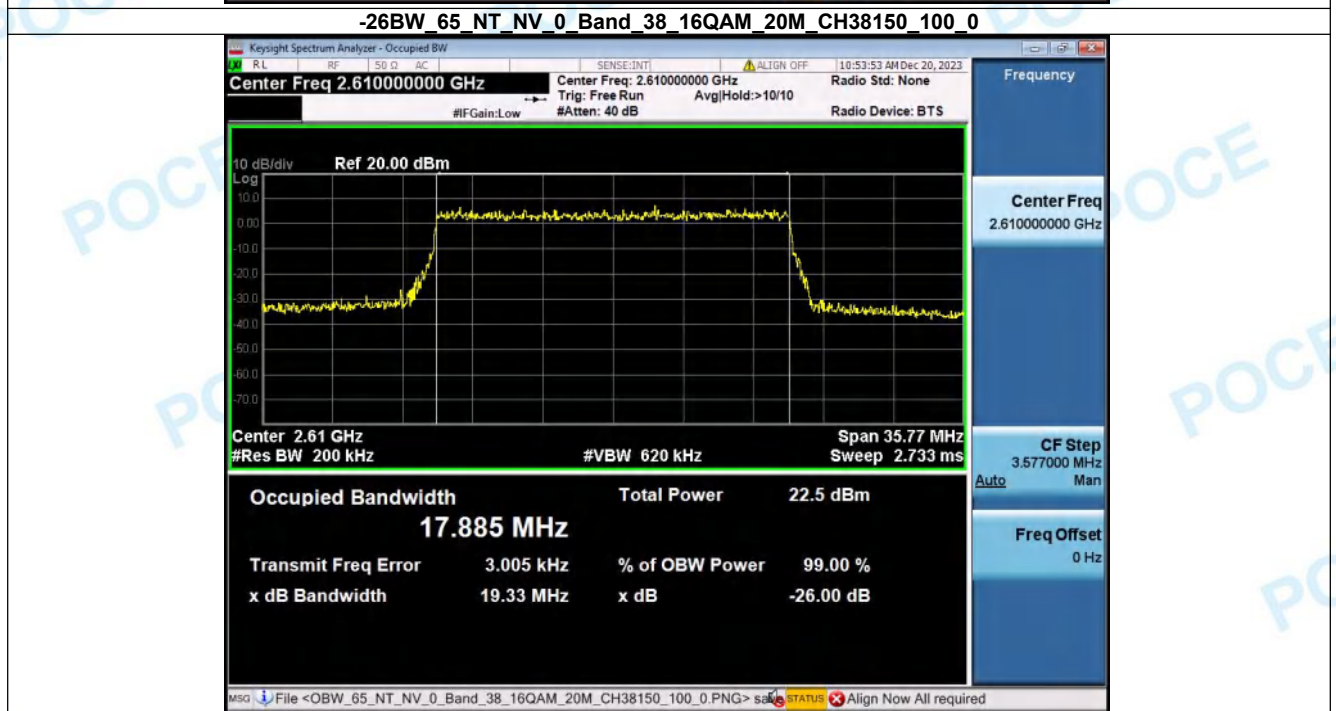
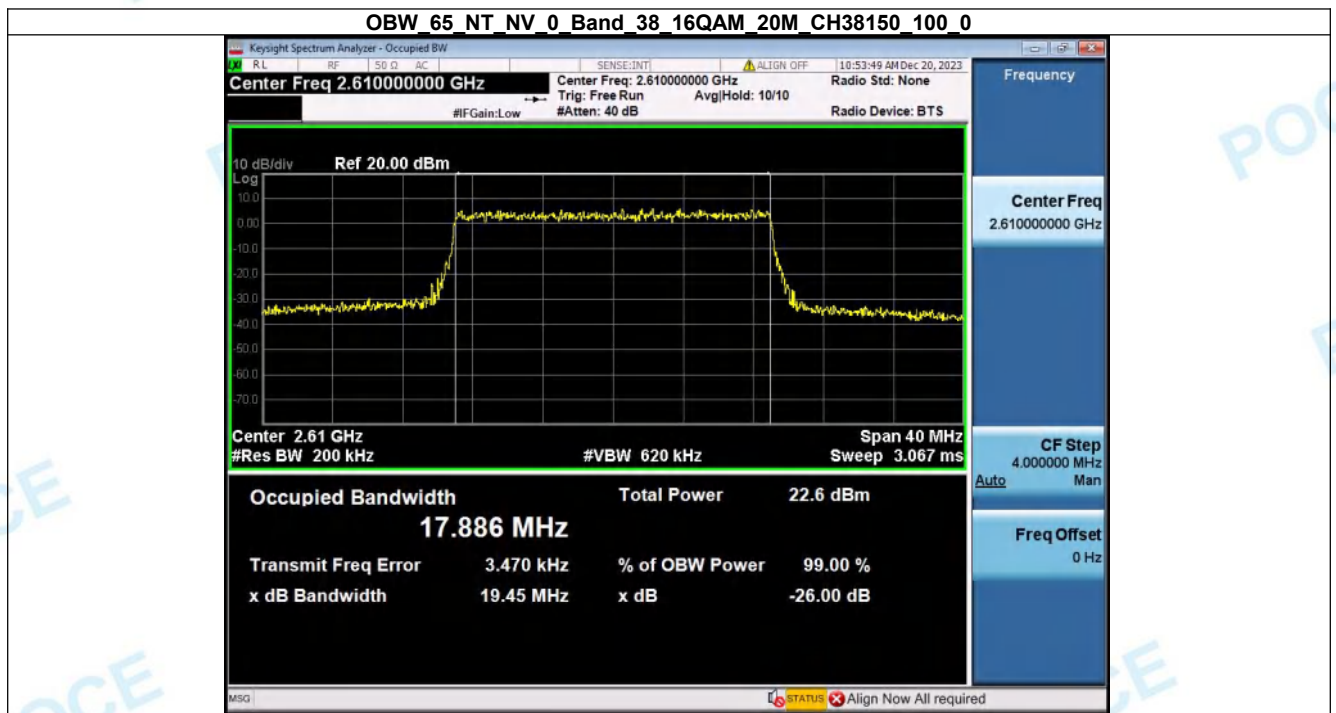


OBW 65 NT NV 0 Band 38 QPSK 20M CH38150 100 0



-26BW 65 NT NV 0 Band 38 QPSK 20M CH38150 100 0





4. Unwanted Spurious Emission

Band	Modulation	BW (MHz)	Frequency (MHz)	RB_Size	RB_start	RBW(kHz)	Test Freq Range(MHz)	Spur Freq (MHz)	Spur Level(dBm)	Limit (dBm)	Result
Band 38	QPSK	5M	2572.5	1	0	100	2545.000~2564.000	2563.848	-43.32	-25	Pass
Band 38	QPSK	5M	2572.5	1	0	100	2564.000~2565.000	2564.876	-40.34	-13	Pass
Band 38	QPSK	5M	2572.5	1	0	100	2565.000~2569.000	2568.936	-26.77	-10	Pass
Band 38	QPSK	5M	2572.5	1	0	100.0	2569.000~2570.000	2569.998	-10.52	-10	Pass
Band 38	QPSK	5M	2572.5	25	0	100	2545.000~2564.000	2562.366	-45.79	-25	Pass
Band 38	QPSK	5M	2572.5	25	0	100	2564.000~2565.000	2564.600	-42.24	-13	Pass
Band 38	QPSK	5M	2572.5	25	0	100	2565.000~2569.000	2568.936	-31.37	-10	Pass
Band 38	QPSK	5M	2572.5	25	0	100.0	2569.000~2570.000	2569.997	-22.62	-10	Pass
Band 38	QPSK	5M	2572.5	1	0	1	0.009~0.150	0.009	-51.35	-25	Pass
Band 38	QPSK	5M	2572.5	1	0	10	0.150~30.000	0.150	-34.61	-25	Pass
Band 38	QPSK	5M	2572.5	1	0	100	30.000~1000.000	744.890	-68.19	-25	Pass
Band 38	QPSK	5M	2572.5	1	0	1000	1000.000~2545.000	2416.765	-52.04	-25	Pass
Band 38	QPSK	5M	2572.5	1	0	1000	2630.000~26500.000	25043.930	-44.83	-25	Pass
Band 38	16QAM	5M	2572.5	1	0	100	2545.000~2564.000	2564.000	-44.06	-25	Pass
Band 38	16QAM	5M	2572.5	1	0	100	2564.000~2565.000	2564.872	-40.65	-13	Pass
Band 38	16QAM	5M	2572.5	1	0	100	2565.000~2569.000	2568.980	-27.00	-10	Pass
Band 38	16QAM	5M	2572.5	1	0	100.0	2569.000~2570.000	2569.982	-11.90	-10	Pass
Band 38	16QAM	5M	2572.5	25	0	100	2545.000~2564.000	2563.829	-44.35	-25	Pass
Band 38	16QAM	5M	2572.5	25	0	100	2564.000~2565.000	2564.987	-41.52	-13	Pass
Band 38	16QAM	5M	2572.5	25	0	100	2565.000~2569.000	2568.996	-30.31	-10	Pass
Band 38	16QAM	5M	2572.5	25	0	100.0	2569.000~2570.000	2569.990	-21.60	-10	Pass
Band 38	16QAM	5M	2572.5	1	0	1	0.009~0.150	0.009	-49.10	-25	Pass
Band 38	16QAM	5M	2572.5	1	0	10	0.150~30.000	0.150	-34.92	-25	Pass
Band 38	16QAM	5M	2572.5	1	0	100	30.000~1000.000	894.270	-68.46	-25	Pass
Band 38	16QAM	5M	2572.5	1	0	1000	1000.000~2545.000	2427.580	-50.98	-25	Pass
Band 38	16QAM	5M	2572.5	1	0	1000	2630.000~26500.000	25043.930	-44.93	-25	Pass
Band 38	QPSK	5M	2595.0	25	0	1	0.009~0.150	0.010	-52.62	-25	Pass
Band 38	QPSK	5M	2595.0	25	0	10	0.150~30.000	0.150	-34.15	-25	Pass
Band 38	QPSK	5M	2595.0	25	0	100	30.000~1000.000	928.220	-68.50	-25	Pass
Band 38	QPSK	5M	2595.0	25	0	1000	1000.000~2545.000	2495.560	-51.47	-25	Pass
Band 38	QPSK	5M	2595.0	25	0	1000	2630.000~26500.000	24996.190	-45.17	-25	Pass
Band 38	16QAM	5M	2595.0	25	0	1	0.009~0.150	0.009	-50.19	-25	Pass
Band 38	16QAM	5M	2595.0	25	0	10	0.150~30.000	0.150	-34.61	-25	Pass
Band 38	16QAM	5M	2595.0	25	0	100	30.000~1000.000	836.070	-68.09	-25	Pass

Band 38	16QAM	5M	2595.0	25	0	1000	1000.000~2545.000	2500.195	-51.65	-25	Pass
Band 38	16QAM	5M	2595.0	25	0	1000	2630.000~26500.000	24972.320	-45.13	-25	Pass
Band 38	QPSK	5M	2617.5	1	24	100.0	2620.000~2621.000	2620.013	-12.54	-10	Pass
Band 38	QPSK	5M	2617.5	1	24	100	2621.000~2625.000	2621.004	-27.22	-10	Pass
Band 38	QPSK	5M	2617.5	1	24	100	2625.000~2626.000	2625.077	-40.52	-13	Pass
Band 38	QPSK	5M	2617.5	1	24	100	2626.000~2630.000	2626.068	-43.00	-25	Pass
Band 38	QPSK	5M	2617.5	25	0	100.0	2620.000~2621.000	2620.010	-20.08	-10	Pass
Band 38	QPSK	5M	2617.5	25	0	100	2621.000~2625.000	2621.036	-34.28	-10	Pass
Band 38	QPSK	5M	2617.5	25	0	100	2625.000~2626.000	2625.312	-43.91	-13	Pass
Band 38	QPSK	5M	2617.5	25	0	100	2626.000~2630.000	2626.556	-45.35	-25	Pass
Band 38	QPSK	5M	2617.5	1	24	1	0.009~0.150	0.009	-51.63	-25	Pass
Band 38	QPSK	5M	2617.5	1	24	10	0.150~30.000	0.150	-35.89	-25	Pass
Band 38	QPSK	5M	2617.5	1	24	100	30.000~1000.000	872.930	-68.06	-25	Pass
Band 38	QPSK	5M	2617.5	1	24	1000	1000.000~2545.000	2503.285	-51.70	-25	Pass
Band 38	QPSK	5M	2617.5	1	24	1000	2630.000~26500.000	2630.000	-45.58	-25	Pass
Band 38	16QAM	5M	2617.5	1	24	100.0	2620.000~2621.000	2620.003	-13.05	-10	Pass
Band 38	16QAM	5M	2617.5	1	24	100	2621.000~2625.000	2621.028	-26.03	-10	Pass
Band 38	16QAM	5M	2617.5	1	24	100	2625.000~2626.000	2625.071	-39.25	-13	Pass
Band 38	16QAM	5M	2617.5	1	24	100	2626.000~2630.000	2626.152	-41.33	-25	Pass
Band 38	16QAM	5M	2617.5	25	0	100.0	2620.000~2621.000	2620.005	-21.12	-10	Pass
Band 38	16QAM	5M	2617.5	25	0	100	2621.000~2625.000	2621.280	-32.51	-10	Pass
Band 38	16QAM	5M	2617.5	25	0	100	2625.000~2626.000	2625.022	-42.84	-13	Pass
Band 38	16QAM	5M	2617.5	25	0	100	2626.000~2630.000	2626.544	-45.13	-25	Pass
Band 38	16QAM	5M	2617.5	1	24	1	0.009~0.150	0.009	-49.01	-25	Pass
Band 38	16QAM	5M	2617.5	1	24	10	0.150~30.000	0.150	-34.16	-25	Pass
Band 38	16QAM	5M	2617.5	1	24	100	30.000~1000.000	857.410	-68.13	-25	Pass
Band 38	16QAM	5M	2617.5	1	24	1000	1000.000~2545.000	2515.645	-51.78	-25	Pass
Band 38	16QAM	5M	2617.5	1	24	1000	2630.000~26500.000	2630.000	-41.34	-25	Pass
Band 38	QPSK	10M	2575.0	1	0	100	2545.000~2560.000	2552.830	-55.47	-25	Pass
Band 38	QPSK	10M	2575.0	1	0	100	2560.000~2565.000	2561.785	-41.59	-13	Pass
Band 38	QPSK	10M	2575.0	1	0	100	2565.000~2569.000	2568.992	-27.30	-10	Pass
Band 38	QPSK	10M	2575.0	1	0	200.0	2569.000~2570.000	2569.995	-48.62	-10	Pass
Band 38	QPSK	10M	2575.0	50	0	100	2545.000~2560.000	2558.380	-48.65	-25	Pass
Band 38	QPSK	10M	2575.0	50	0	100	2560.000~2565.000	2564.765	-39.70	-13	Pass
Band 38	QPSK	10M	2575.0	50	0	100	2565.000~2569.000	2568.940	-34.17	-10	Pass
Band 38	QPSK	10M	2575.0	50	0	200.0	2569.000~2570.000	2569.999	-20.68	-10	Pass
Band 38	QPSK	10M	2575.0	1	0	1	0.009~0.150	0.009	-49.67	-25	Pass
Band 38	QPSK	10M	2575.0	1	0	10	0.150~30.000	0.150	-36.57	-25	Pass
Band	QPSK	10M	2575.0	1	0	100	30.000~1000.000	755.560	-68.66	-25	Pass

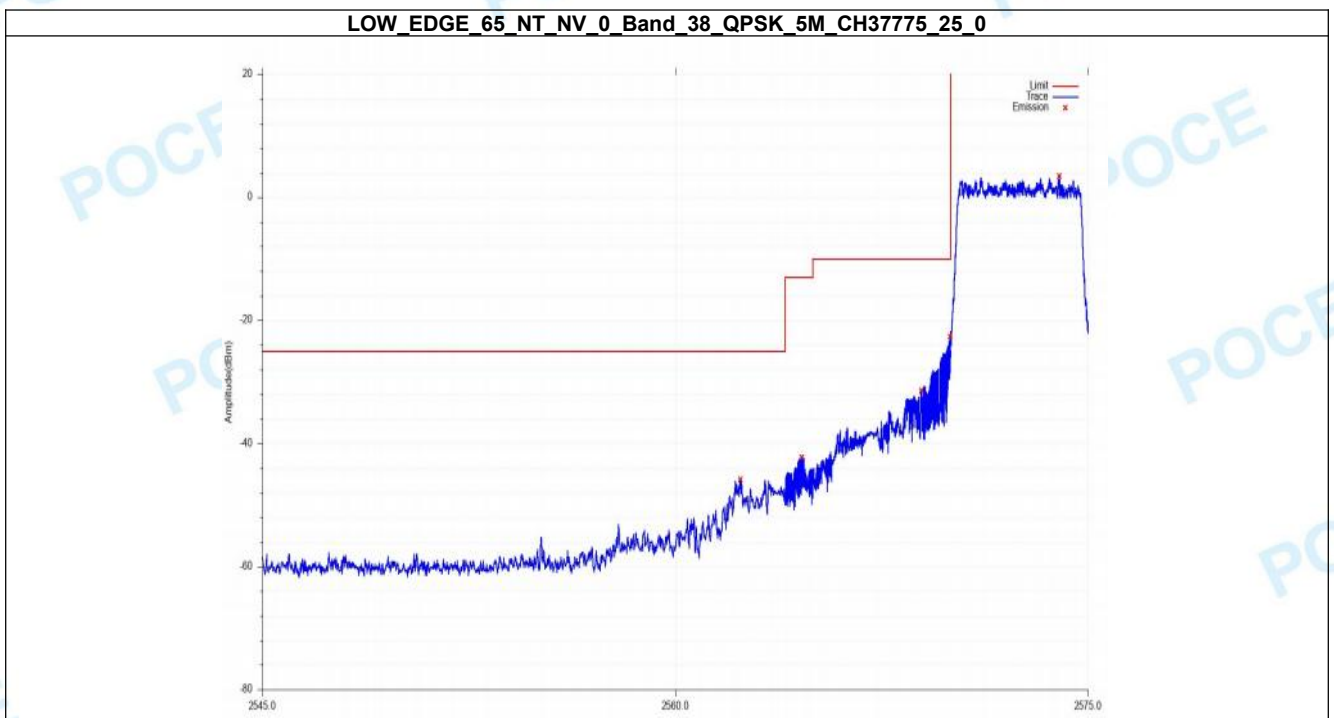
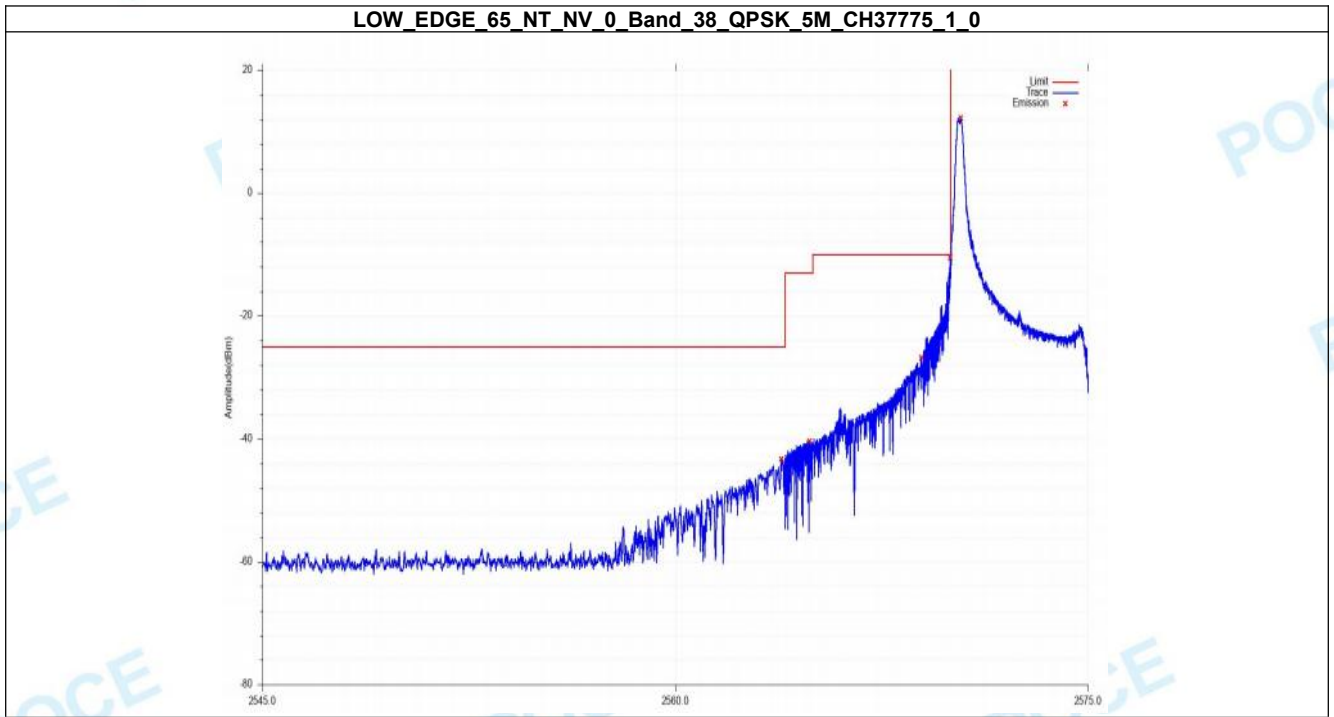
38											
Band 38	QPSK	10M	2575.0	1	0	1000	1000.000~2545.000	2543.455	-52.03	-25	Pass
Band 38	QPSK	10M	2575.0	1	0	1000	2640.000~26500.000	25020.680	-45.10	-25	Pass
Band 38	16QAM	10M	2575.0	1	0	100	2545.000~2560.000	2553.010	-48.48	-25	Pass
Band 38	16QAM	10M	2575.0	1	0	100	2560.000~2565.000	2561.815	-38.69	-13	Pass
Band 38	16QAM	10M	2575.0	1	0	100	2565.000~2569.000	2568.908	-30.00	-10	Pass
Band 38	16QAM	10M	2575.0	1	0	200.0	2569.000~2570.000	2569.992	-11.19	-10	Pass
Band 38	16QAM	10M	2575.0	50	0	100	2545.000~2560.000	2559.685	-49.23	-25	Pass
Band 38	16QAM	10M	2575.0	50	0	100	2560.000~2565.000	2564.795	-41.07	-13	Pass
Band 38	16QAM	10M	2575.0	50	0	100	2565.000~2569.000	2568.480	-32.36	-10	Pass
Band 38	16QAM	10M	2575.0	50	0	200.0	2569.000~2570.000	2569.986	-19.92	-10	Pass
Band 38	16QAM	10M	2575.0	1	0	1	0.009~0.150	0.009	-52.02	-25	Pass
Band 38	16QAM	10M	2575.0	1	0	10	0.150~30.000	0.150	-34.84	-25	Pass
Band 38	16QAM	10M	2575.0	1	0	100	30.000~1000.000	808.910	-68.22	-25	Pass
Band 38	16QAM	10M	2575.0	1	0	1000	1000.000~2545.000	2472.385	-51.70	-25	Pass
Band 38	16QAM	10M	2575.0	1	0	1000	2640.000~26500.000	24996.820	-44.93	-25	Pass
Band 38	QPSK	10M	2595.0	50	0	1	0.009~0.150	0.010	-50.11	-25	Pass
Band 38	QPSK	10M	2595.0	50	0	10	0.150~30.000	0.150	-35.35	-25	Pass
Band 38	QPSK	10M	2595.0	50	0	100	30.000~1000.000	819.580	-68.42	-25	Pass
Band 38	QPSK	10M	2595.0	50	0	1000	1000.000~2545.000	2441.485	-51.31	-25	Pass
Band 38	QPSK	10M	2595.0	50	0	1000	2640.000~26500.000	25068.400	-45.25	-25	Pass
Band 38	16QAM	10M	2595.0	50	0	1	0.009~0.150	0.009	-49.48	-25	Pass
Band 38	16QAM	10M	2595.0	50	0	10	0.150~30.000	0.150	-35.51	-25	Pass
Band 38	16QAM	10M	2595.0	50	0	100	30.000~1000.000	865.170	-67.83	-25	Pass
Band 38	16QAM	10M	2595.0	50	0	1000	1000.000~2545.000	2443.030	-51.77	-25	Pass
Band 38	16QAM	10M	2595.0	50	0	1000	2640.000~26500.000	25020.680	-45.13	-25	Pass
Band 38	QPSK	10M	2615.0	1	49	200.0	2620.000~2621.000	2620.029	-11.15	-10	Pass
Band 38	QPSK	10M	2615.0	1	49	100	2621.000~2625.000	2621.008	-27.98	-10	Pass
Band 38	QPSK	10M	2615.0	1	49	100	2625.000~2630.000	2628.275	-43.02	-13	Pass
Band 38	QPSK	10M	2615.0	1	49	100	2630.000~2640.000	2637.060	-47.90	-25	Pass
Band 38	QPSK	10M	2615.0	50	0	200.0	2620.000~2621.000	2620.005	-19.30	-10	Pass
Band 38	QPSK	10M	2615.0	50	0	100	2621.000~2625.000	2621.184	-32.75	-10	Pass
Band 38	QPSK	10M	2615.0	50	0	100	2625.000~2630.000	2627.455	-39.90	-13	Pass
Band 38	QPSK	10M	2615.0	50	0	100	2630.000~2640.000	2630.410	-48.52	-25	Pass
Band 38	QPSK	10M	2615.0	1	49	1	0.009~0.150	0.010	-52.00	-25	Pass
Band 38	QPSK	10M	2615.0	1	49	10	0.150~30.000	0.150	-33.86	-25	Pass
Band 38	QPSK	10M	2615.0	1	49	100	30.000~1000.000	892.330	-68.41	-25	Pass
Band 38	QPSK	10M	2615.0	1	49	1000	1000.000~2545.000	2529.550	-52.14	-25	Pass
Band 38	QPSK	10M	2615.0	1	49	1000	2640.000~26500.000	25044.540	-44.93	-25	Pass

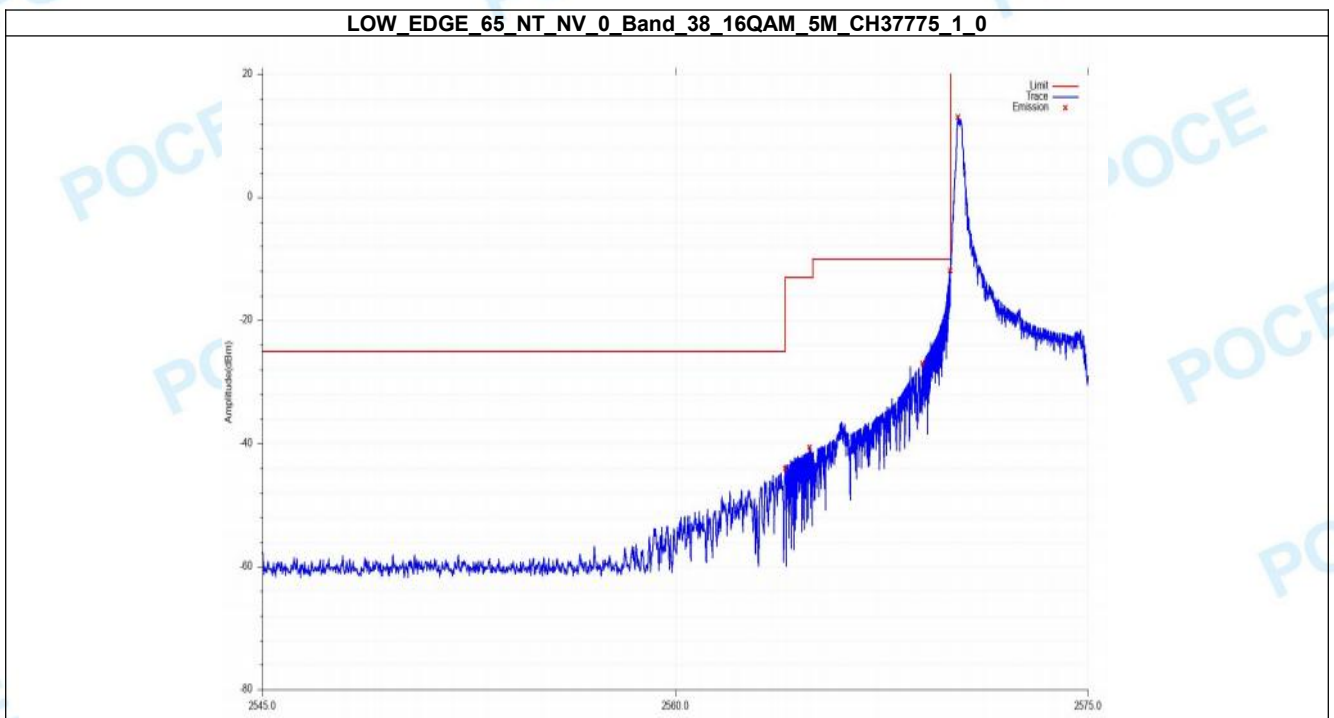
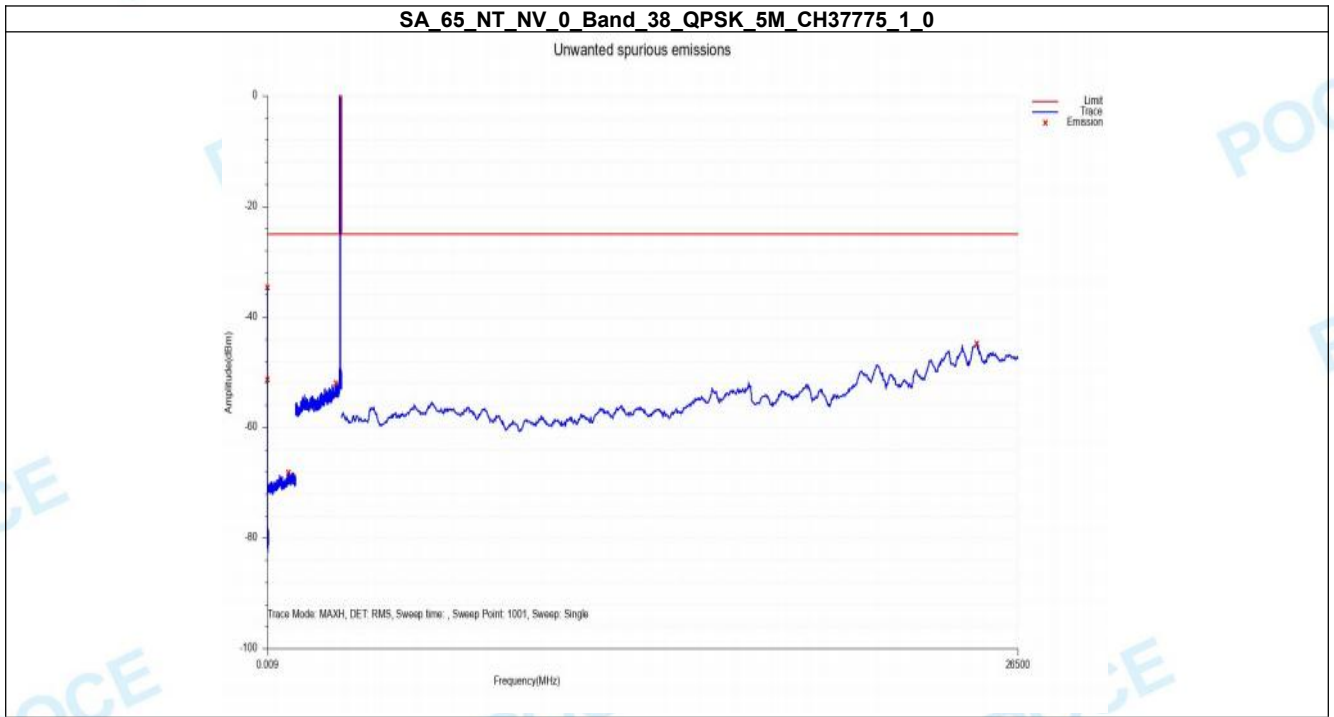
Band 38	16QAM	10M	2615.0	1	49	200.0	2620.000~2621.000	2620.041	-11.67	-10	Pass
Band 38	16QAM	10M	2615.0	1	49	100	2621.000~2625.000	2621.036	-29.82	-10	Pass
Band 38	16QAM	10M	2615.0	1	49	100	2625.000~2630.000	2625.055	-43.19	-13	Pass
Band 38	16QAM	10M	2615.0	1	49	100	2630.000~2640.000	2637.060	-44.59	-25	Pass
Band 38	16QAM	10M	2615.0	50	0	200.0	2620.000~2621.000	2620.016	-21.97	-10	Pass
Band 38	16QAM	10M	2615.0	50	0	100	2621.000~2625.000	2621.000	-34.69	-10	Pass
Band 38	16QAM	10M	2615.0	50	0	100	2625.000~2630.000	2625.410	-41.43	-13	Pass
Band 38	16QAM	10M	2615.0	50	0	100	2630.000~2640.000	2630.240	-47.76	-25	Pass
Band 38	16QAM	10M	2615.0	1	49	1	0.009~0.150	0.013	-54.06	-25	Pass
Band 38	16QAM	10M	2615.0	1	49	10	0.150~30.000	0.150	-34.18	-25	Pass
Band 38	16QAM	10M	2615.0	1	49	100	30.000~1000.000	828.310	-68.26	-25	Pass
Band 38	16QAM	10M	2615.0	1	49	1000	1000.000~2545.000	2503.285	-51.25	-25	Pass
Band 38	16QAM	10M	2615.0	1	49	1000	2640.000~26500.000	25044.540	-45.12	-25	Pass
Band 38	QPSK	15M	2577.5	1	0	100	2545.000~2555.000	2547.580	-57.04	-25	Pass
Band 38	QPSK	15M	2577.5	1	0	100	2555.000~2565.000	2564.950	-40.64	-13	Pass
Band 38	QPSK	15M	2577.5	1	0	100	2565.000~2569.000	2568.924	-29.49	-10	Pass
Band 38	QPSK	15M	2577.5	1	0	300.0	2569.000~2570.000	2570.000	-11.38	-10	Pass
Band 38	QPSK	15M	2577.5	75	0	100	2545.000~2555.000	2554.510	-47.27	-25	Pass
Band 38	QPSK	15M	2577.5	75	0	100	2555.000~2565.000	2563.560	-38.28	-13	Pass
Band 38	QPSK	15M	2577.5	75	0	100	2565.000~2569.000	2568.432	-37.36	-10	Pass
Band 38	QPSK	15M	2577.5	75	0	300.0	2569.000~2570.000	2570.000	-21.82	-10	Pass
Band 38	QPSK	15M	2577.5	1	0	1	0.009~0.150	0.011	-51.48	-25	Pass
Band 38	QPSK	15M	2577.5	1	0	10	0.150~30.000	0.150	-35.60	-25	Pass
Band 38	QPSK	15M	2577.5	1	0	100	30.000~1000.000	846.740	-68.37	-25	Pass
Band 38	QPSK	15M	2577.5	1	0	1000	1000.000~2545.000	2469.295	-46.59	-25	Pass
Band 38	QPSK	15M	2577.5	1	0	1000	2650.000~26500.000	25021.300	-45.14	-25	Pass
Band 38	16QAM	15M	2577.5	1	0	100	2545.000~2555.000	2548.850	-56.89	-25	Pass
Band 38	16QAM	15M	2577.5	1	0	100	2555.000~2565.000	2557.580	-41.16	-13	Pass
Band 38	16QAM	15M	2577.5	1	0	100	2565.000~2569.000	2568.888	-32.05	-10	Pass
Band 38	16QAM	15M	2577.5	1	0	300.0	2569.000~2570.000	2569.999	-10.58	-10	Pass
Band 38	16QAM	15M	2577.5	75	0	100	2545.000~2555.000	2554.750	-49.75	-25	Pass
Band 38	16QAM	15M	2577.5	75	0	100	2555.000~2565.000	2563.570	-39.42	-13	Pass
Band 38	16QAM	15M	2577.5	75	0	100	2565.000~2569.000	2567.880	-36.58	-10	Pass
Band 38	16QAM	15M	2577.5	75	0	300.0	2569.000~2570.000	2569.843	-23.83	-10	Pass
Band 38	16QAM	15M	2577.5	1	0	1	0.009~0.150	0.009	-51.68	-25	Pass
Band 38	16QAM	15M	2577.5	1	0	10	0.150~30.000	0.150	-35.53	-25	Pass
Band 38	16QAM	15M	2577.5	1	0	100	30.000~1000.000	931.130	-68.49	-25	Pass
Band 38	16QAM	15M	2577.5	1	0	1000	1000.000~2545.000	2543.455	-45.82	-25	Pass
Band 38	16QAM	15M	2577.5	1	0	1000	2650.000~26500.000	24997.450	-45.12	-25	Pass

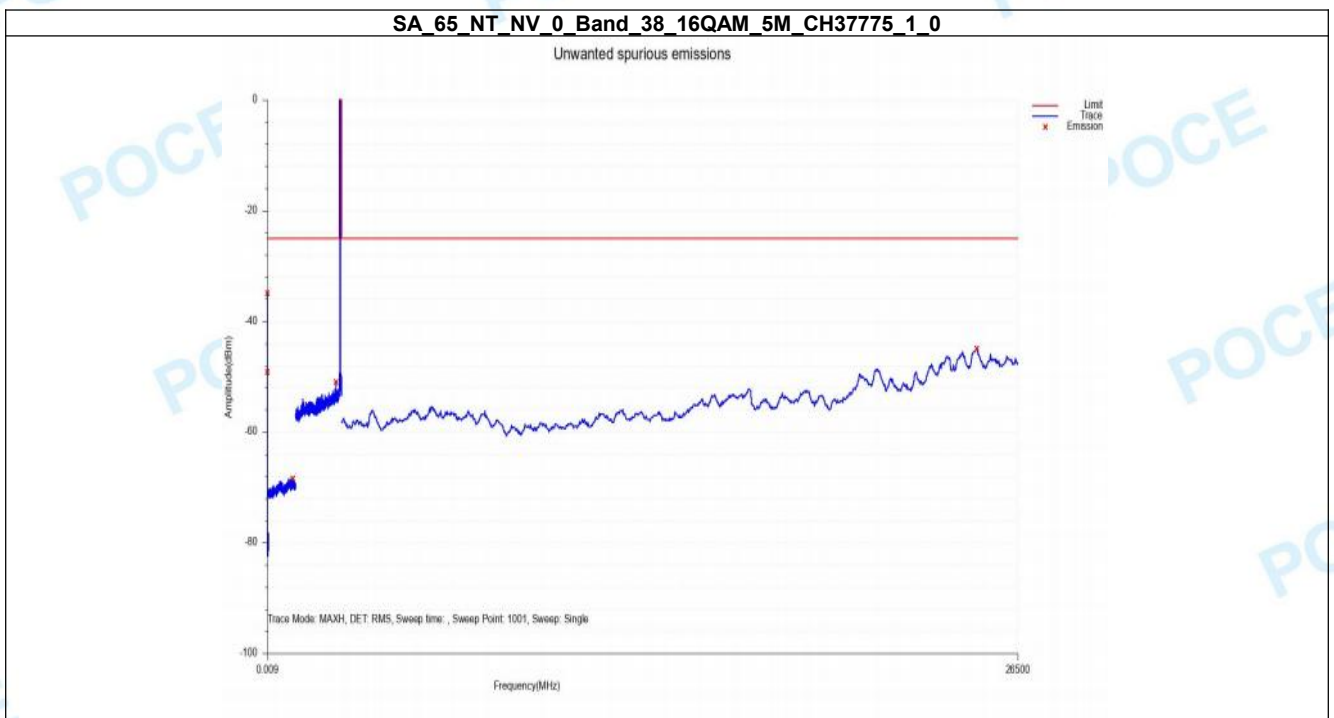
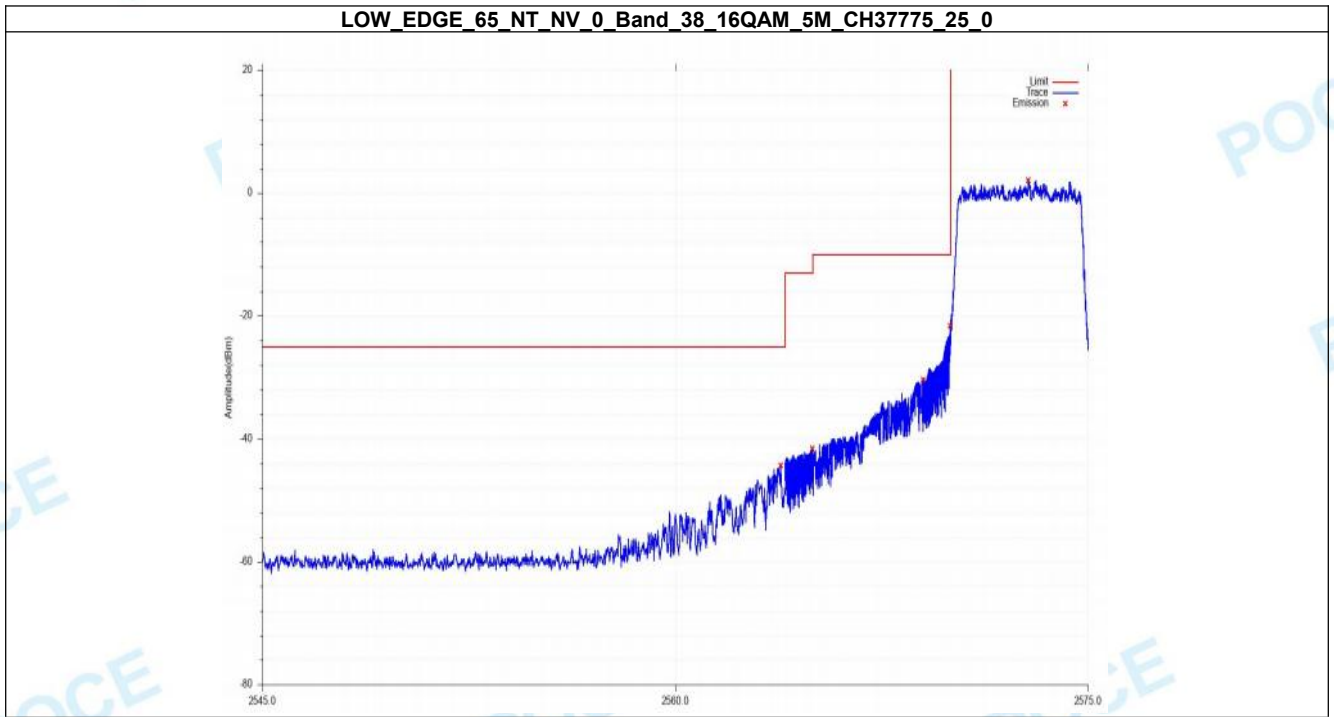
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Band 38	QPSK	15M	2595.0	75	0	1	0.009~0.150	0.010	-51.53	-25	Pass
Band 38	QPSK	15M	2595.0	75	0	10	0.150~30.000	0.150	-36.09	-25	Pass
Band 38	QPSK	15M	2595.0	75	0	100	30.000~1000.000	797.270	-68.40	-25	Pass
Band 38	QPSK	15M	2595.0	75	0	1000	1000.000~2545.000	2543.455	-51.26	-25	Pass
Band 38	QPSK	15M	2595.0	75	0	1000	2650.000~26500.000	25069.000	-45.14	-25	Pass
Band 38	16QAM	15M	2595.0	75	0	1	0.009~0.150	0.010	-49.69	-25	Pass
Band 38	16QAM	15M	2595.0	75	0	10	0.150~30.000	0.150	-34.27	-25	Pass
Band 38	16QAM	15M	2595.0	75	0	100	30.000~1000.000	747.800	-68.51	-25	Pass
Band 38	16QAM	15M	2595.0	75	0	1000	1000.000~2545.000	2517.190	-51.92	-25	Pass
Band 38	16QAM	15M	2595.0	75	0	1000	2650.000~26500.000	24997.450	-45.07	-25	Pass
Band 38	QPSK	15M	2612.5	1	74	300.0	2620.000~2621.000	2620.087	-10.44	-10	Pass
Band 38	QPSK	15M	2612.5	1	74	100	2621.000~2625.000	2621.008	-29.65	-10	Pass
Band 38	QPSK	15M	2612.5	1	74	100	2625.000~2635.000	2625.000	-39.36	-13	Pass
Band 38	QPSK	15M	2612.5	1	74	100	2635.000~2650.000	2645.845	-51.15	-25	Pass
Band 38	QPSK	15M	2612.5	75	0	300.0	2620.000~2621.000	2620.009	-20.50	-10	Pass
Band 38	QPSK	15M	2612.5	75	0	100	2621.000~2625.000	2621.080	-36.15	-10	Pass
Band 38	QPSK	15M	2612.5	75	0	100	2625.000~2635.000	2626.800	-39.28	-13	Pass
Band 38	QPSK	15M	2612.5	75	0	100	2635.000~2650.000	2635.225	-45.27	-25	Pass
Band 38	QPSK	15M	2612.5	1	74	1	0.009~0.150	0.010	-51.98	-25	Pass
Band 38	QPSK	15M	2612.5	1	74	10	0.150~30.000	0.150	-35.19	-25	Pass
Band 38	QPSK	15M	2612.5	1	74	100	30.000~1000.000	771.080	-68.36	-25	Pass
Band 38	QPSK	15M	2612.5	1	74	1000	1000.000~2545.000	2307.070	-51.23	-25	Pass
Band 38	QPSK	15M	2612.5	1	74	1000	2650.000~26500.000	24997.450	-44.78	-25	Pass
Band 38	16QAM	15M	2612.5	1	74	300.0	2620.000~2621.000	2620.001	-20.82	-10	Pass
Band 38	16QAM	15M	2612.5	1	74	100	2621.000~2625.000	2621.092	-30.78	-10	Pass
Band 38	16QAM	15M	2612.5	1	74	100	2625.000~2635.000	2625.000	-42.85	-13	Pass
Band 38	16QAM	15M	2612.5	1	74	100	2635.000~2650.000	2645.755	-49.23	-25	Pass
Band 38	16QAM	15M	2612.5	75	0	300.0	2620.000~2621.000	2620.002	-25.95	-10	Pass
Band 38	16QAM	15M	2612.5	75	0	100	2621.000~2625.000	2621.320	-35.66	-10	Pass
Band 38	16QAM	15M	2612.5	75	0	100	2625.000~2635.000	2626.460	-40.95	-13	Pass
Band 38	16QAM	15M	2612.5	75	0	100	2635.000~2650.000	2635.480	-49.14	-25	Pass
Band 38	16QAM	15M	2612.5	1	74	1	0.009~0.150	0.009	-52.01	-25	Pass
Band 38	16QAM	15M	2612.5	1	74	10	0.150~30.000	0.150	-34.66	-25	Pass
Band 38	16QAM	15M	2612.5	1	74	100	30.000~1000.000	883.600	-68.14	-25	Pass
Band 38	16QAM	15M	2612.5	1	74	1000	1000.000~2545.000	2504.830	-51.89	-25	Pass
Band 38	16QAM	15M	2612.5	1	74	1000	2650.000~26500.000	24949.750	-45.29	-25	Pass
Band 38	QPSK	20M	2580.0	100	0	100	2545.000~2550.000	2549.240	-51.66	-25	Pass
Band 38	QPSK	20M	2580.0	100	0	100	2550.000~2565.000	2558.010	-40.36	-13	Pass

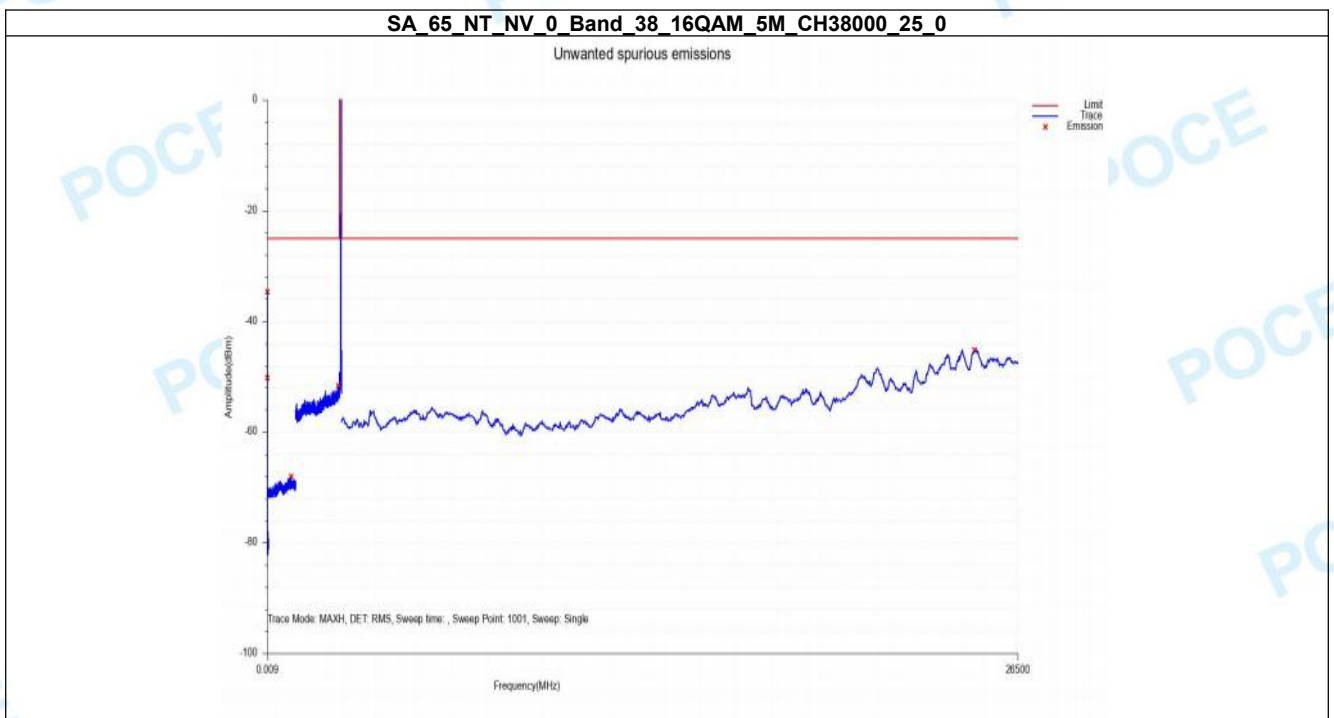
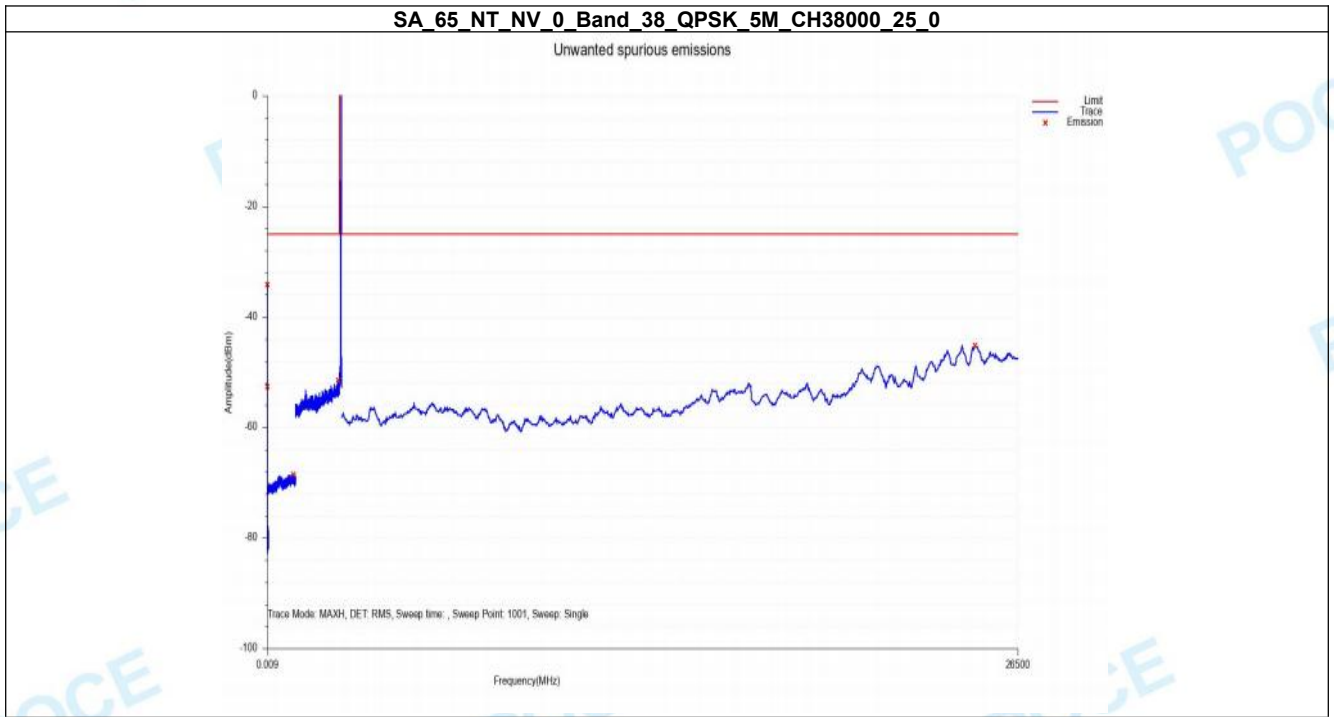
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Band 38	QPSK	20M	2580.0	100	0	400.0	2569.000~2570.000	2569.966	-21.21	-10	Pass
Band 38	QPSK	20M	2580.0	1	0	100	2545.000~2550.000	2545.085	-57.01	-25	Pass
Band 38	QPSK	20M	2580.0	1	0	100	2550.000~2565.000	2553.315	-42.41	-13	Pass
Band 38	QPSK	20M	2580.0	1	0	100	2565.000~2569.000	2569.000	-34.20	-10	Pass
Band 38	QPSK	20M	2580.0	1	0	400.0	2569.000~2570.000	2569.993	-12.39	-10	Pass
Band 38	QPSK	20M	2580.0	1	0	1	0.009~0.150	0.009	-50.34	-25	Pass
Band 38	QPSK	20M	2580.0	1	0	10	0.150~30.000	0.150	-34.91	-25	Pass
Band 38	QPSK	20M	2580.0	1	0	100	30.000~1000.000	766.230	-68.47	-25	Pass
Band 38	QPSK	20M	2580.0	1	0	1000	1000.000~2545.000	2535.730	-47.24	-25	Pass
Band 38	QPSK	20M	2580.0	1	0	1000	2660.000~26500.000	24950.400	-45.16	-25	Pass
Band 38	16QAM	20M	2580.0	100	0	100	2545.000~2550.000	2549.075	-50.77	-25	Pass
Band 38	16QAM	20M	2580.0	100	0	100	2550.000~2565.000	2564.970	-40.38	-13	Pass
Band 38	16QAM	20M	2580.0	100	0	100	2565.000~2569.000	2568.968	-36.87	-10	Pass
Band 38	16QAM	20M	2580.0	100	0	400.0	2569.000~2570.000	2569.993	-21.42	-10	Pass
Band 38	16QAM	20M	2580.0	1	0	100	2545.000~2550.000	2545.070	-56.16	-25	Pass
Band 38	16QAM	20M	2580.0	1	0	100	2550.000~2565.000	2553.315	-42.54	-13	Pass
Band 38	16QAM	20M	2580.0	1	0	100	2565.000~2569.000	2568.996	-32.68	-10	Pass
Band 38	16QAM	20M	2580.0	1	0	400.0	2569.000~2570.000	2569.989	-12.55	-10	Pass
Band 38	16QAM	20M	2580.0	1	0	1	0.009~0.150	0.010	-51.33	-25	Pass
Band 38	16QAM	20M	2580.0	1	0	10	0.150~30.000	0.150	-35.24	-25	Pass
Band 38	16QAM	20M	2580.0	1	0	100	30.000~1000.000	682.810	-68.38	-25	Pass
Band 38	16QAM	20M	2580.0	1	0	1000	1000.000~2545.000	2535.730	-43.27	-25	Pass
Band 38	16QAM	20M	2580.0	1	0	1000	2660.000~26500.000	25045.760	-44.90	-25	Pass
Band 38	QPSK	20M	2595.0	100	0	1	0.009~0.150	0.011	-51.26	-25	Pass
Band 38	QPSK	20M	2595.0	100	0	10	0.150~30.000	0.150	-34.44	-25	Pass
Band 38	QPSK	20M	2595.0	100	0	100	30.000~1000.000	751.680	-68.40	-25	Pass
Band 38	QPSK	20M	2595.0	100	0	1000	1000.000~2545.000	2537.275	-48.32	-25	Pass
Band 38	QPSK	20M	2595.0	100	0	1000	2660.000~26500.000	25021.920	-45.13	-25	Pass
Band 38	16QAM	20M	2595.0	100	0	1	0.009~0.150	0.009	-51.16	-25	Pass
Band 38	16QAM	20M	2595.0	100	0	10	0.150~30.000	0.150	-35.10	-25	Pass
Band 38	16QAM	20M	2595.0	100	0	100	30.000~1000.000	877.780	-68.30	-25	Pass
Band 38	16QAM	20M	2595.0	100	0	1000	1000.000~2545.000	2538.820	-50.84	-25	Pass
Band 38	16QAM	20M	2595.0	100	0	1000	2660.000~26500.000	25045.760	-45.02	-25	Pass
Band 38	QPSK	20M	2610.0	100	0	400.0	2620.000~2621.000	2620.019	-25.17	-10	Pass
Band 38	QPSK	20M	2610.0	100	0	100	2621.000~2625.000	2621.156	-37.12	-10	Pass
Band 38	QPSK	20M	2610.0	100	0	100	2625.000~2640.000	2635.380	-42.70	-13	Pass
Band 38	QPSK	20M	2610.0	100	0	100	2640.000~2660.000	2647.560	-49.32	-25	Pass
Band	QPSK	20M	2610.0	1	100	400.0	2620.000~2621.000	2620.278	-24.76	-10	Pass

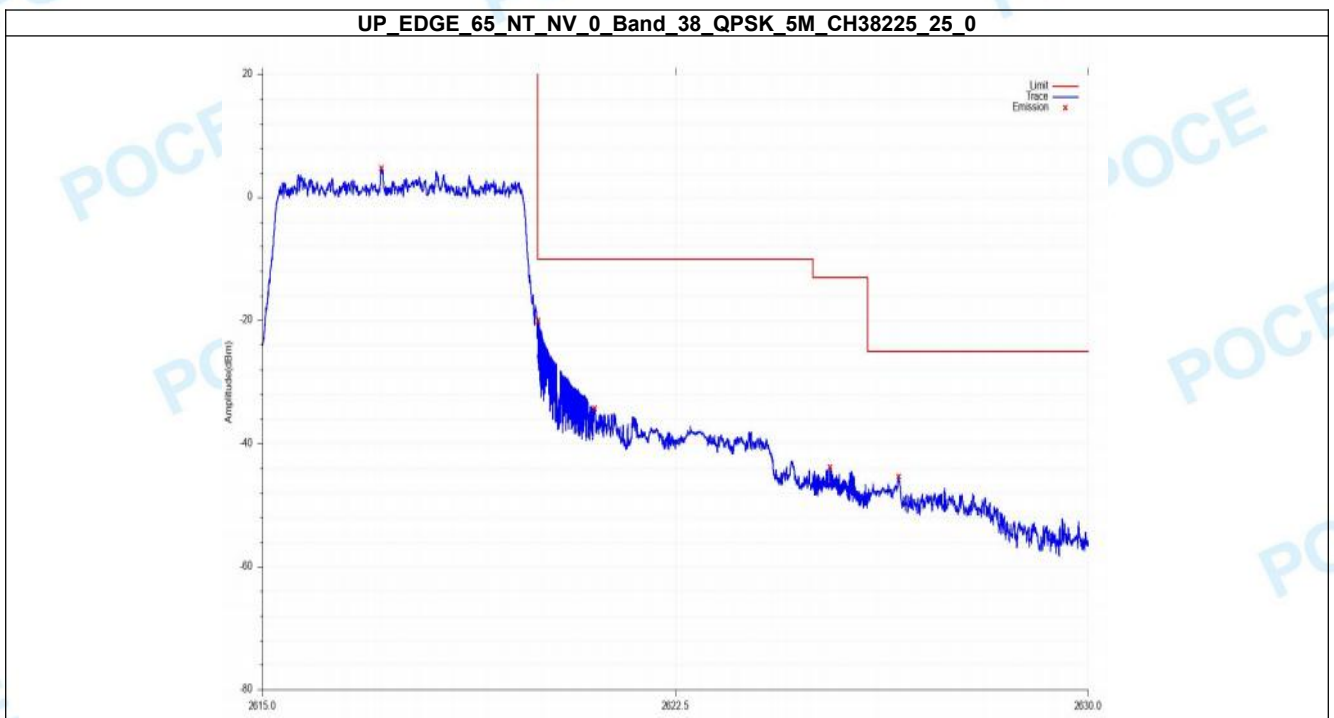
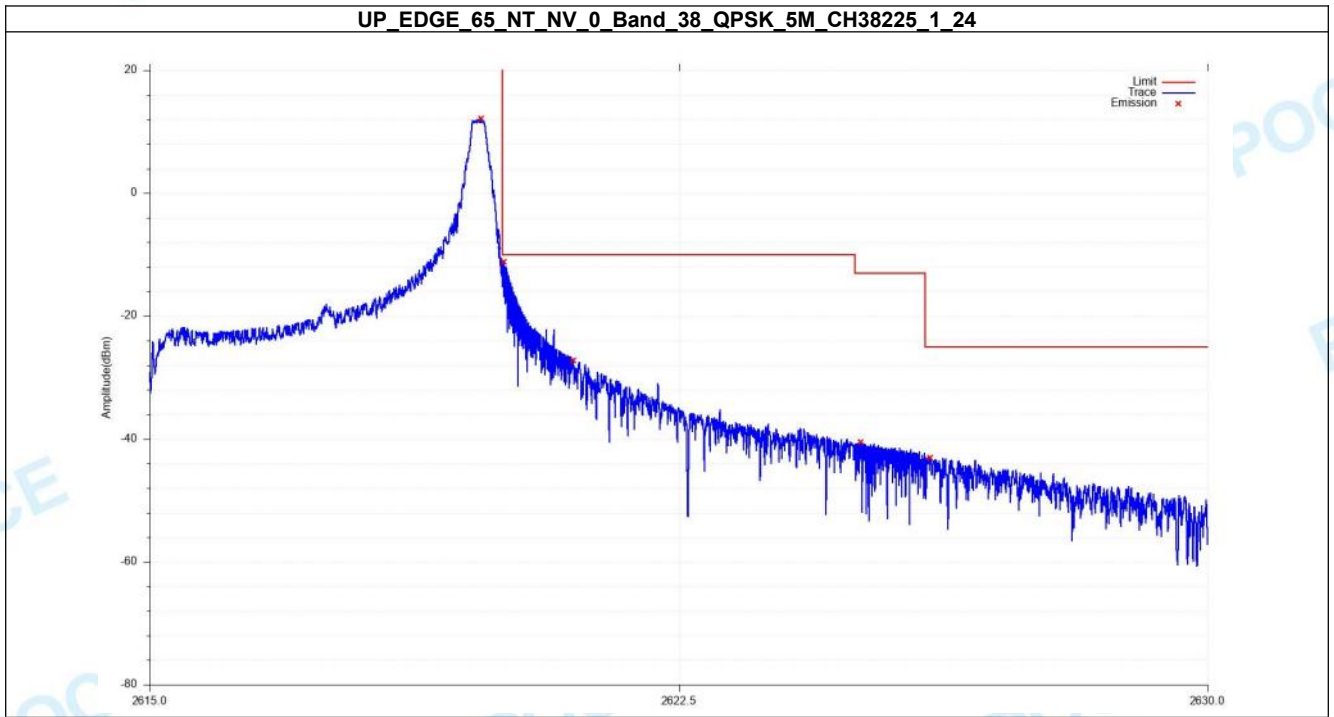
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Band 38	QPSK	20M	2610.0	1	100	100	2621.000~2625.000	2622.232	-38.46	-10	Pass
Band 38	QPSK	20M	2610.0	1	100	100	2625.000~2640.000	2636.655	-35.84	-13	Pass
Band 38	QPSK	20M	2610.0	1	100	100	2640.000~2660.000	2652.940	-57.70	-25	Pass
Band 38	QPSK	20M	2610.0	1	100	1	0.009~0.150	0.009	-49.89	-25	Pass
Band 38	QPSK	20M	2610.0	1	100	10	0.150~30.000	0.150	-35.95	-25	Pass
Band 38	QPSK	20M	2610.0	1	100	100	30.000~1000.000	938.890	-68.25	-25	Pass
Band 38	QPSK	20M	2610.0	1	100	1000	1000.000~2545.000	2475.475	-46.71	-25	Pass
Band 38	QPSK	20M	2610.0	1	100	1000	2660.000~26500.000	25093.440	-45.17	-25	Pass
Band 38	16QAM	20M	2610.0	100	0	400.0	2620.000~2621.000	2620.026	-23.99	-10	Pass
Band 38	16QAM	20M	2610.0	100	0	100	2621.000~2625.000	2621.136	-41.62	-10	Pass
Band 38	16QAM	20M	2610.0	100	0	100	2625.000~2640.000	2625.240	-43.71	-13	Pass
Band 38	16QAM	20M	2610.0	100	0	100	2640.000~2660.000	2641.100	-51.24	-25	Pass
Band 38	16QAM	20M	2610.0	1	100	400.0	2620.000~2621.000	2620.007	-23.93	-10	Pass
Band 38	16QAM	20M	2610.0	1	100	100	2621.000~2625.000	2621.004	-37.30	-10	Pass
Band 38	16QAM	20M	2610.0	1	100	100	2625.000~2640.000	2636.760	-42.04	-13	Pass
Band 38	16QAM	20M	2610.0	1	100	100	2640.000~2660.000	2646.940	-57.53	-25	Pass
Band 38	16QAM	20M	2610.0	1	100	1	0.009~0.150	0.009	-47.94	-25	Pass
Band 38	16QAM	20M	2610.0	1	100	10	0.150~30.000	0.150	-34.00	-25	Pass
Band 38	16QAM	20M	2610.0	1	100	100	30.000~1000.000	759.440	-68.26	-25	Pass
Band 38	16QAM	20M	2610.0	1	100	1000	1000.000~2545.000	2538.820	-52.11	-25	Pass
Band 38	16QAM	20M	2610.0	1	100	1000	2660.000~26500.000	25021.920	-45.11	-25	Pass

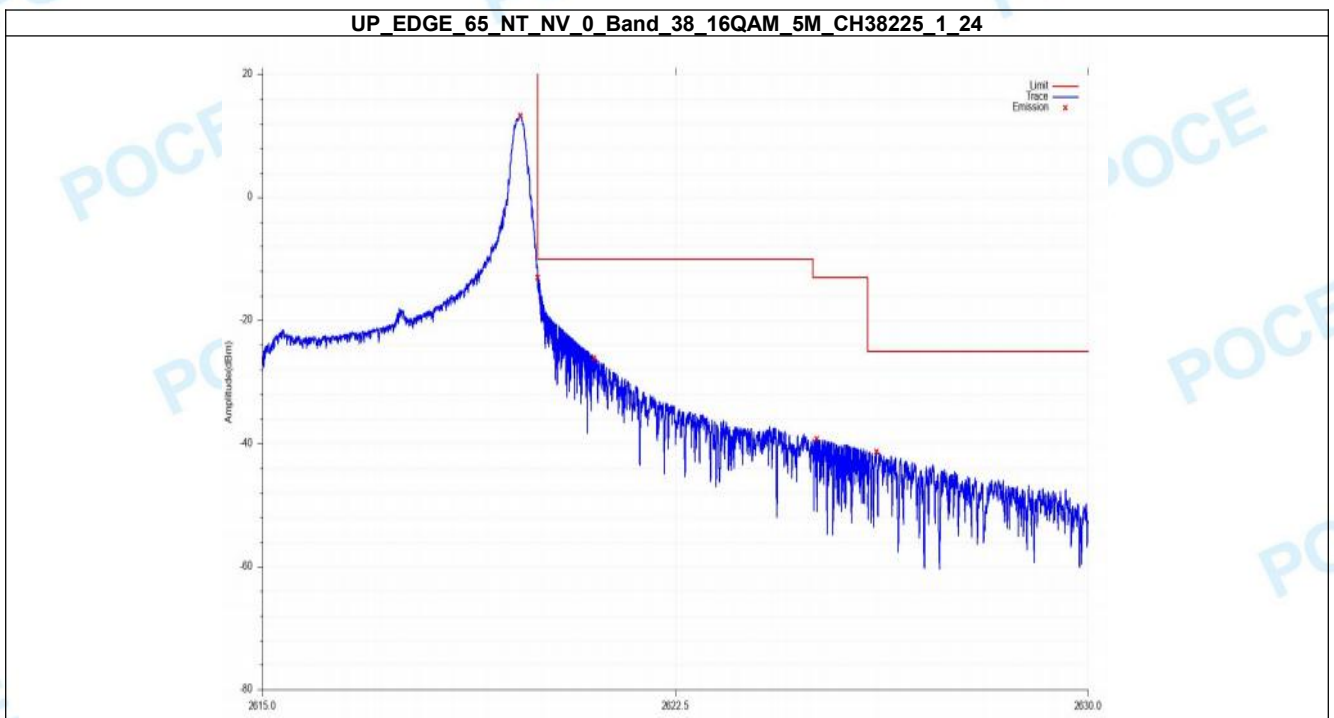
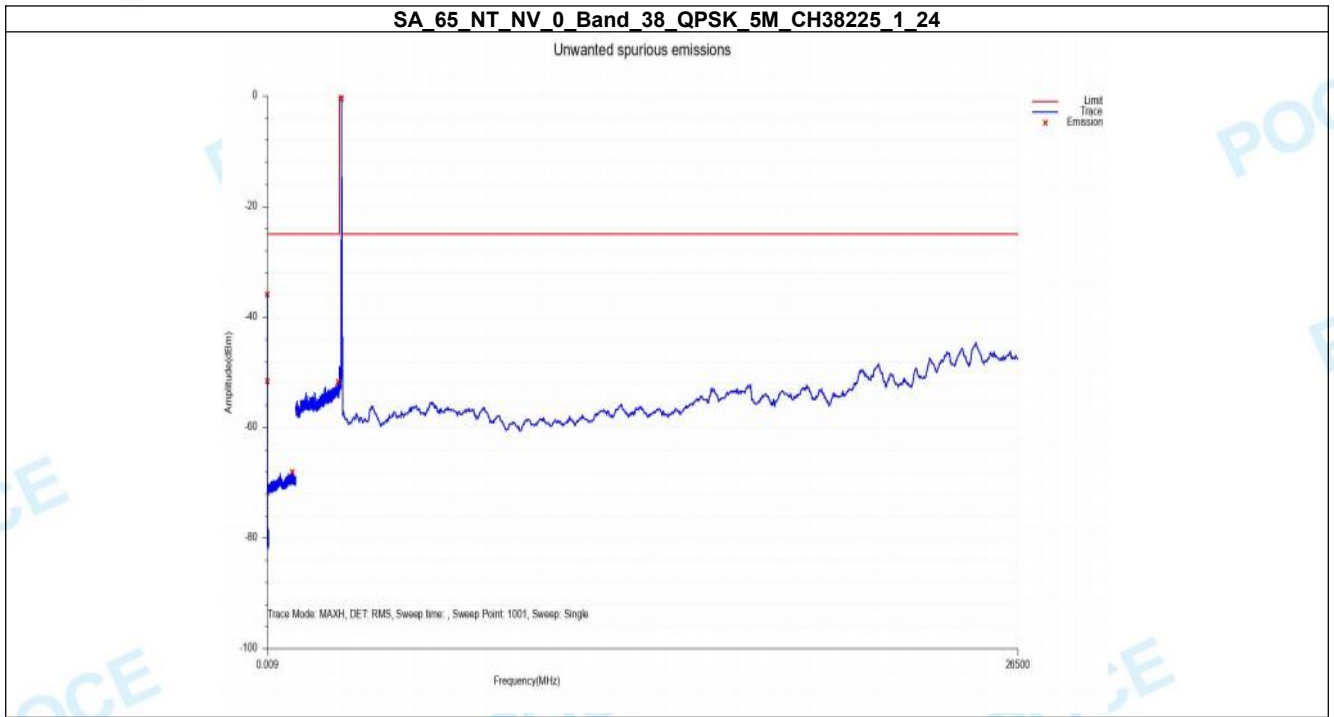


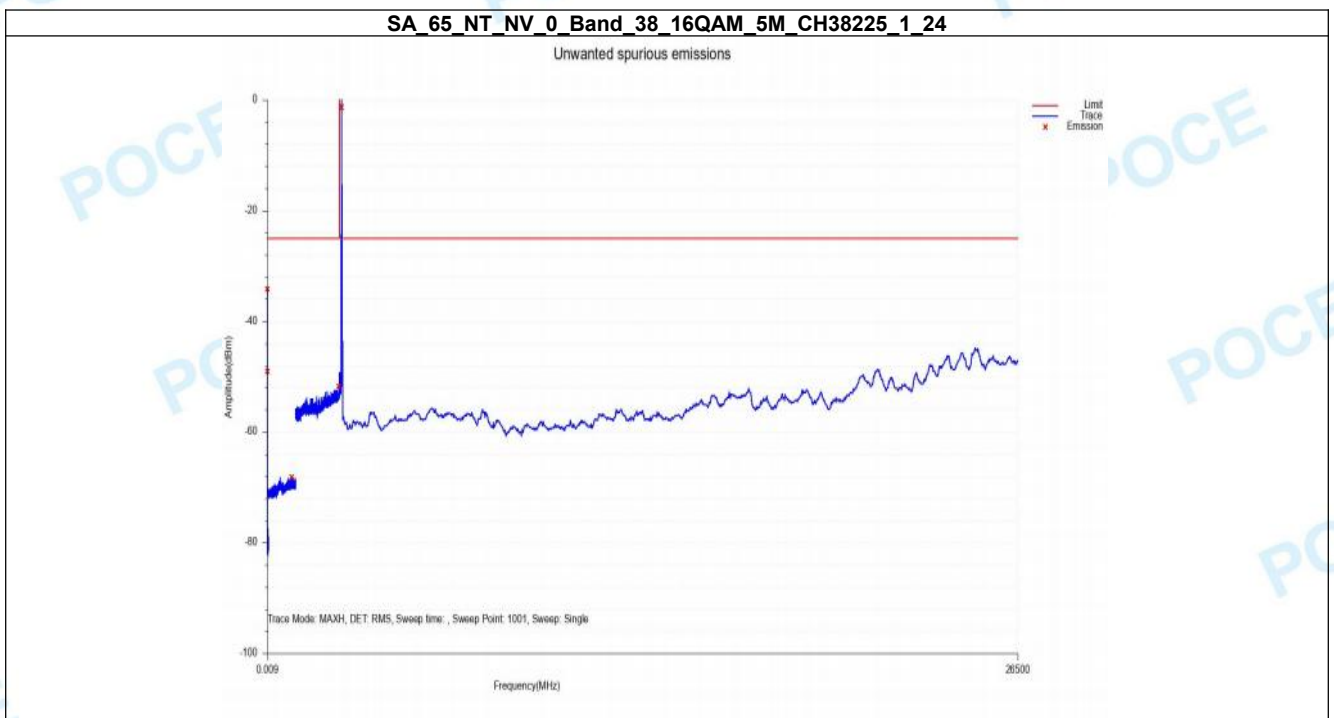
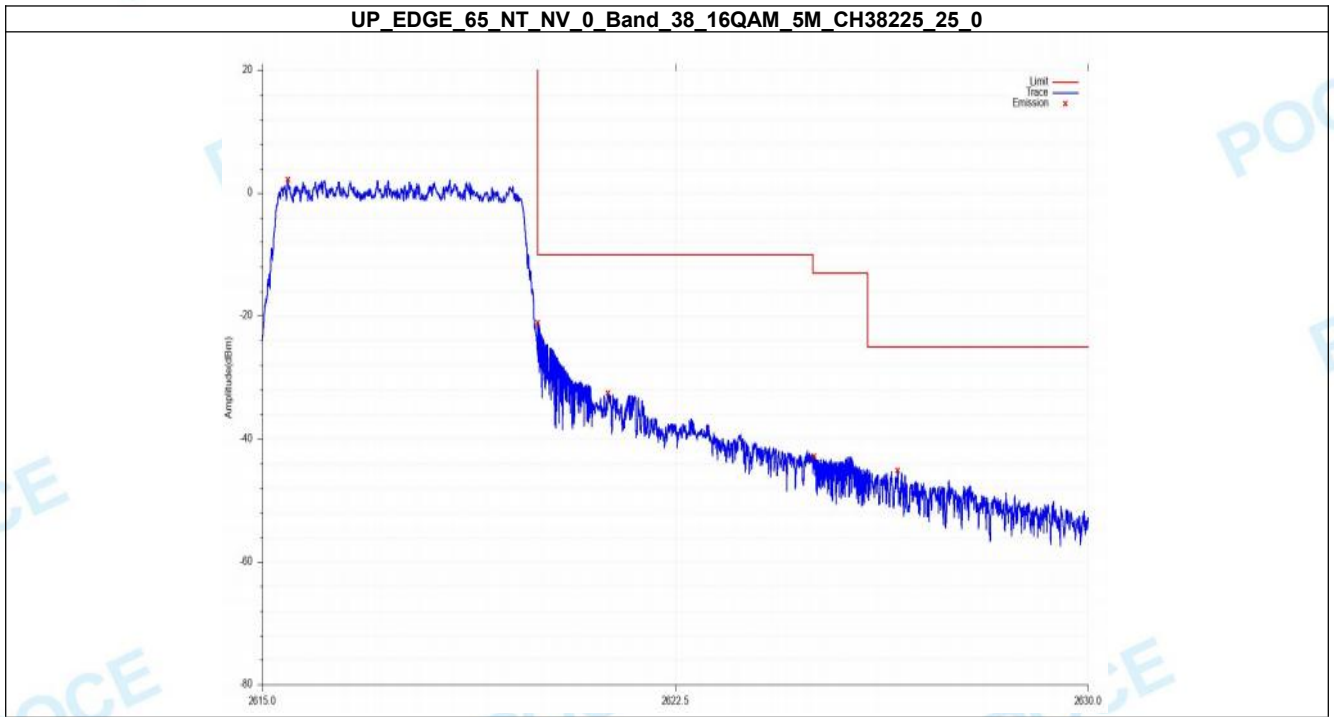


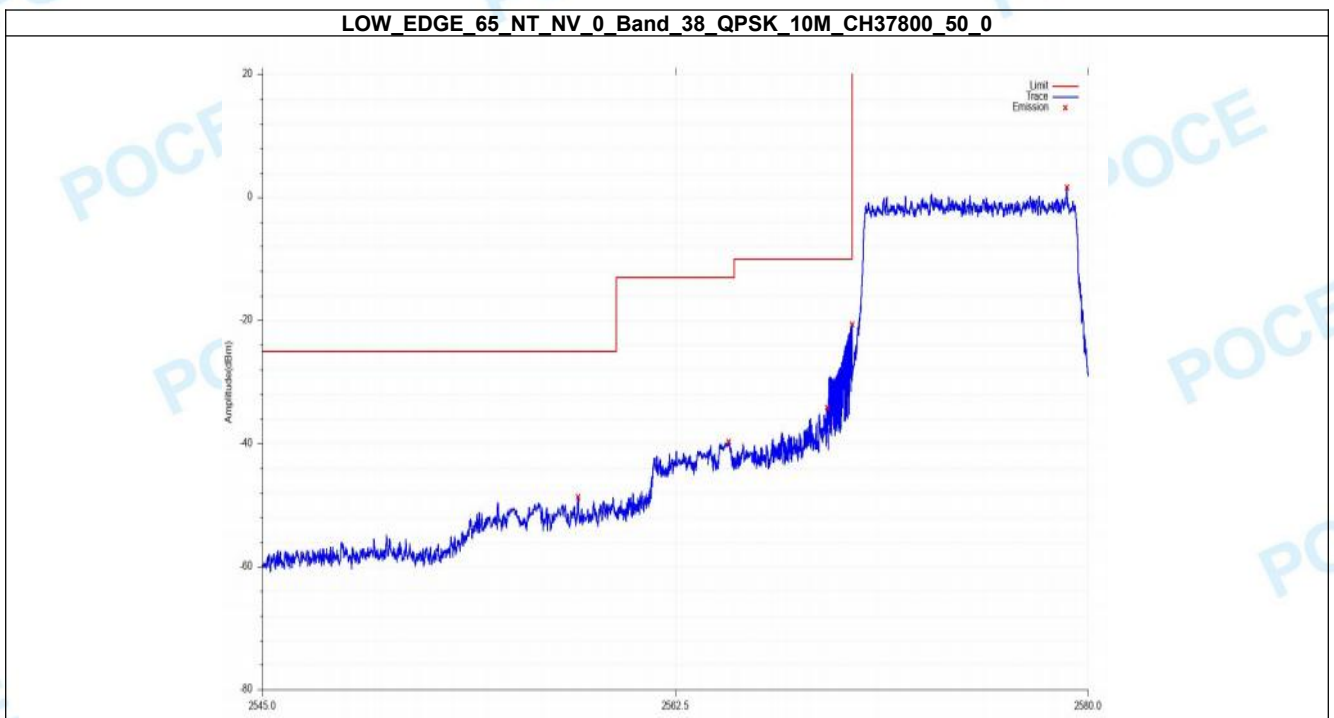
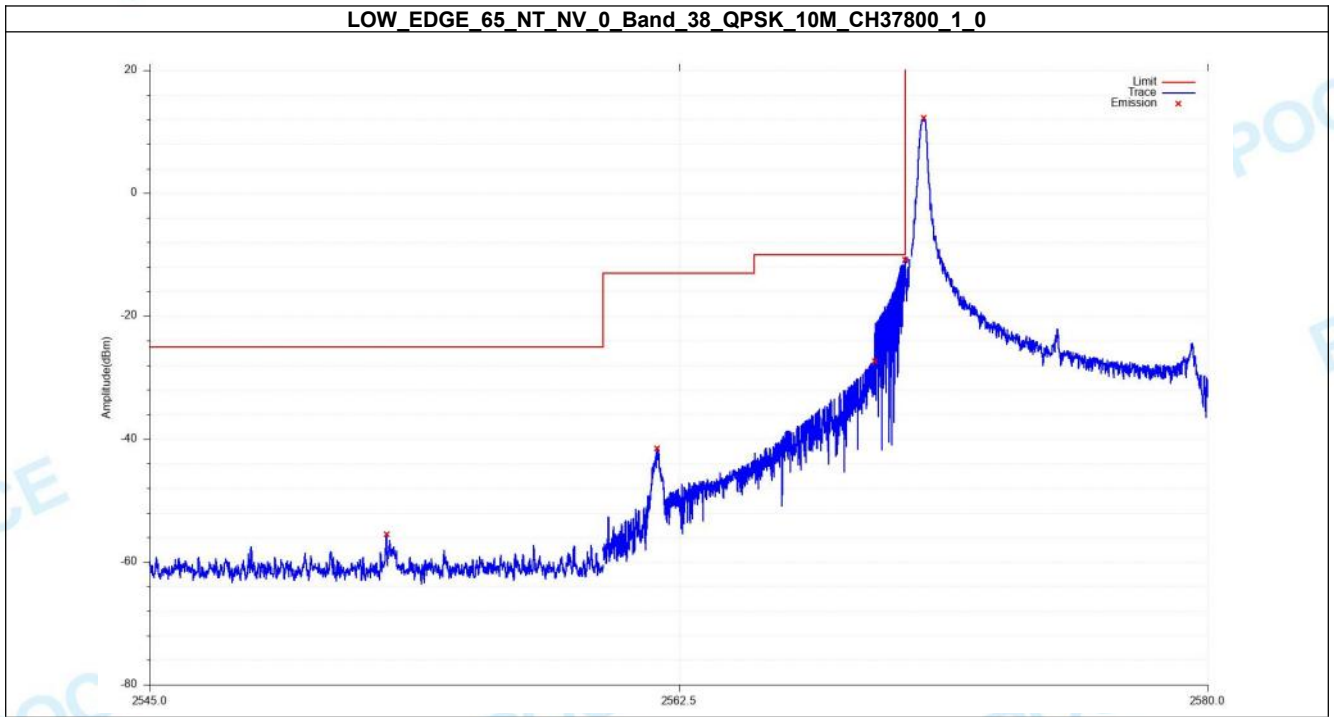


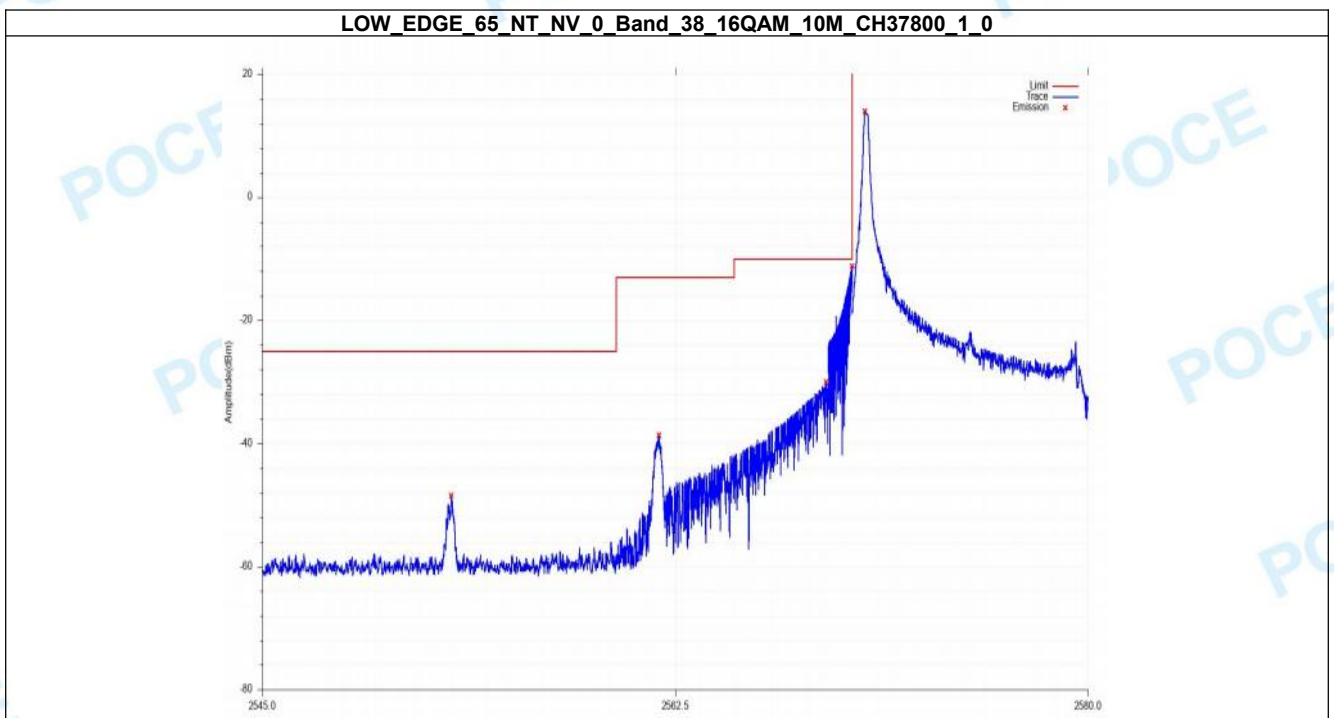
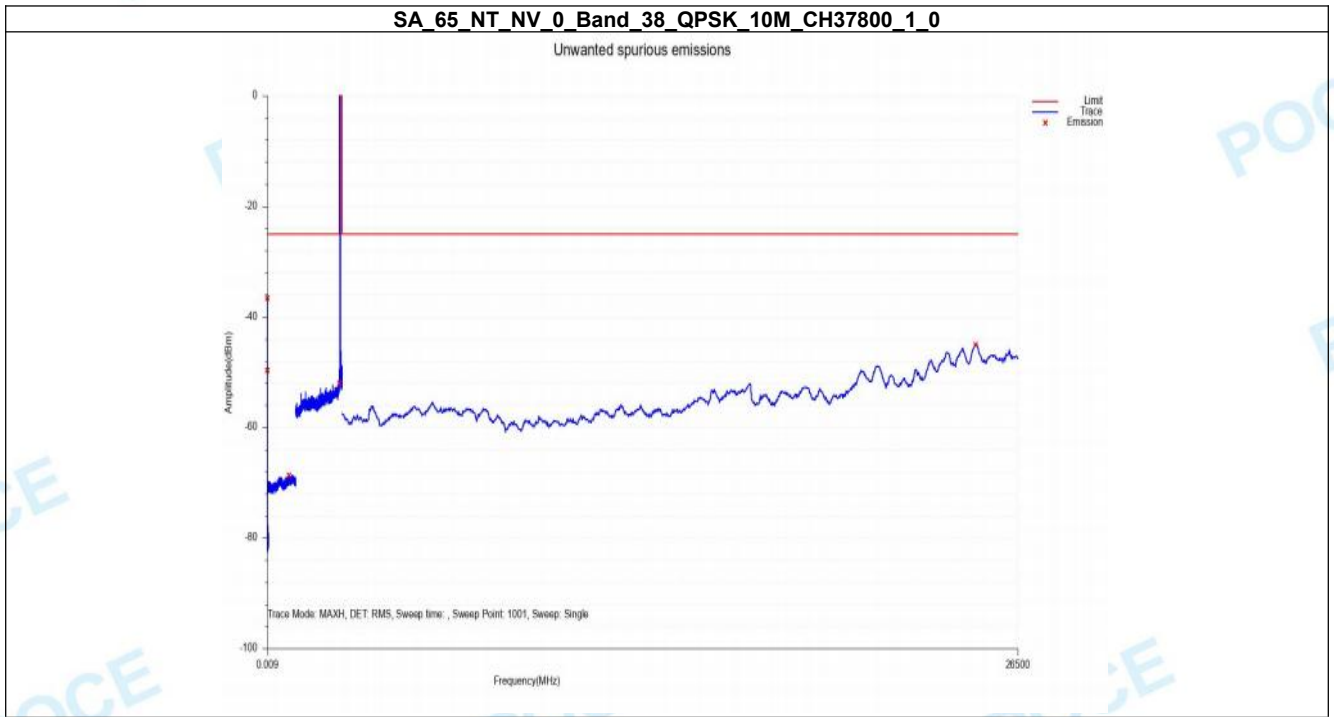


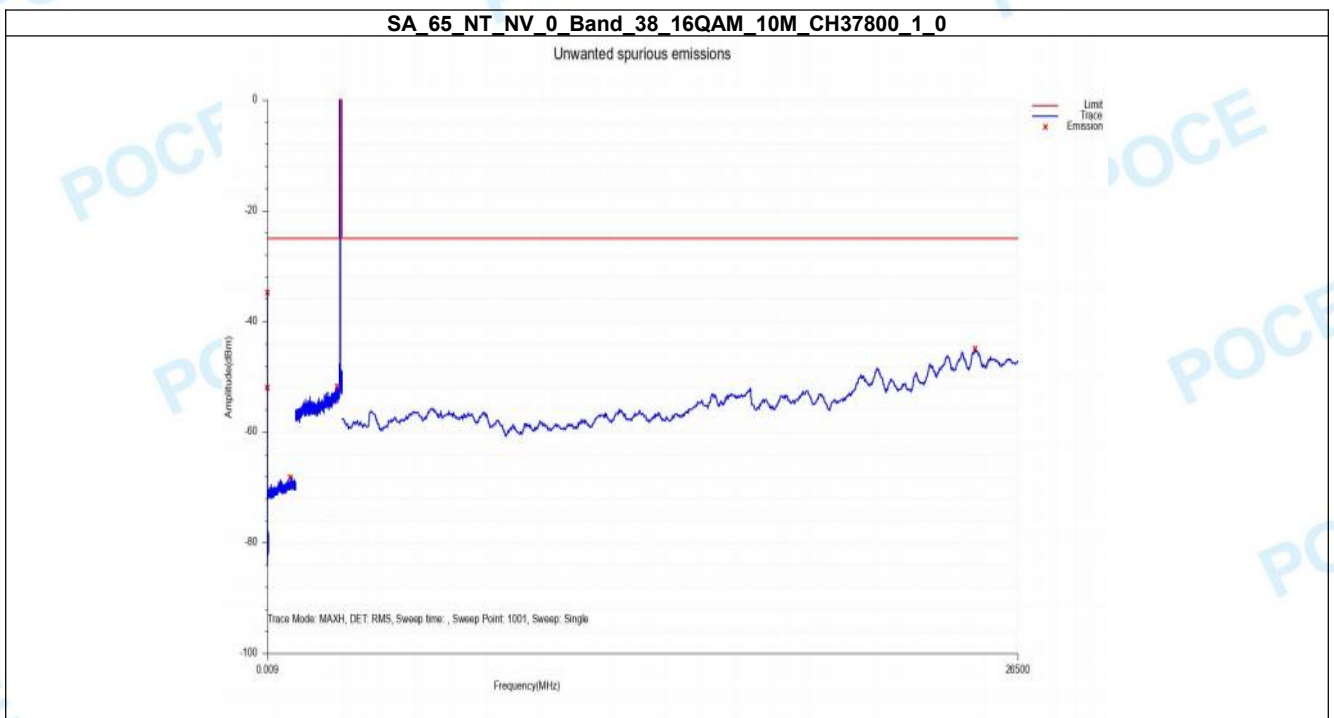
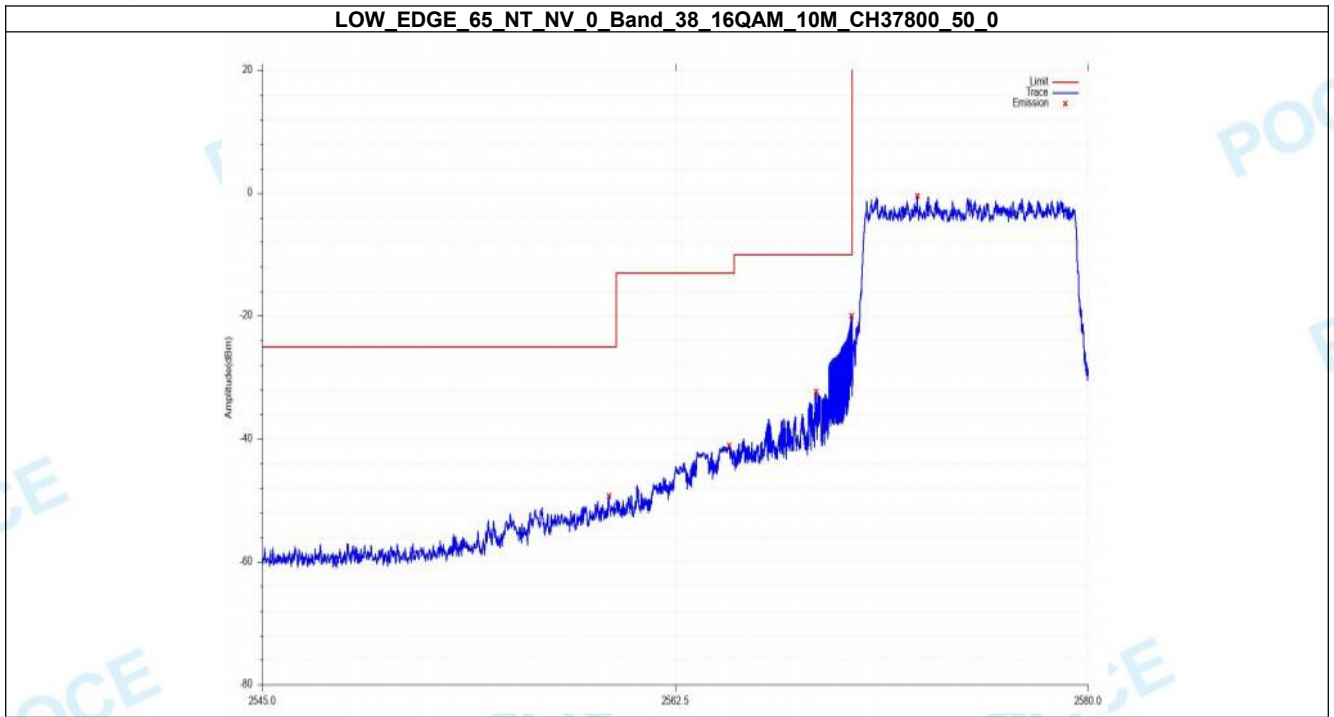


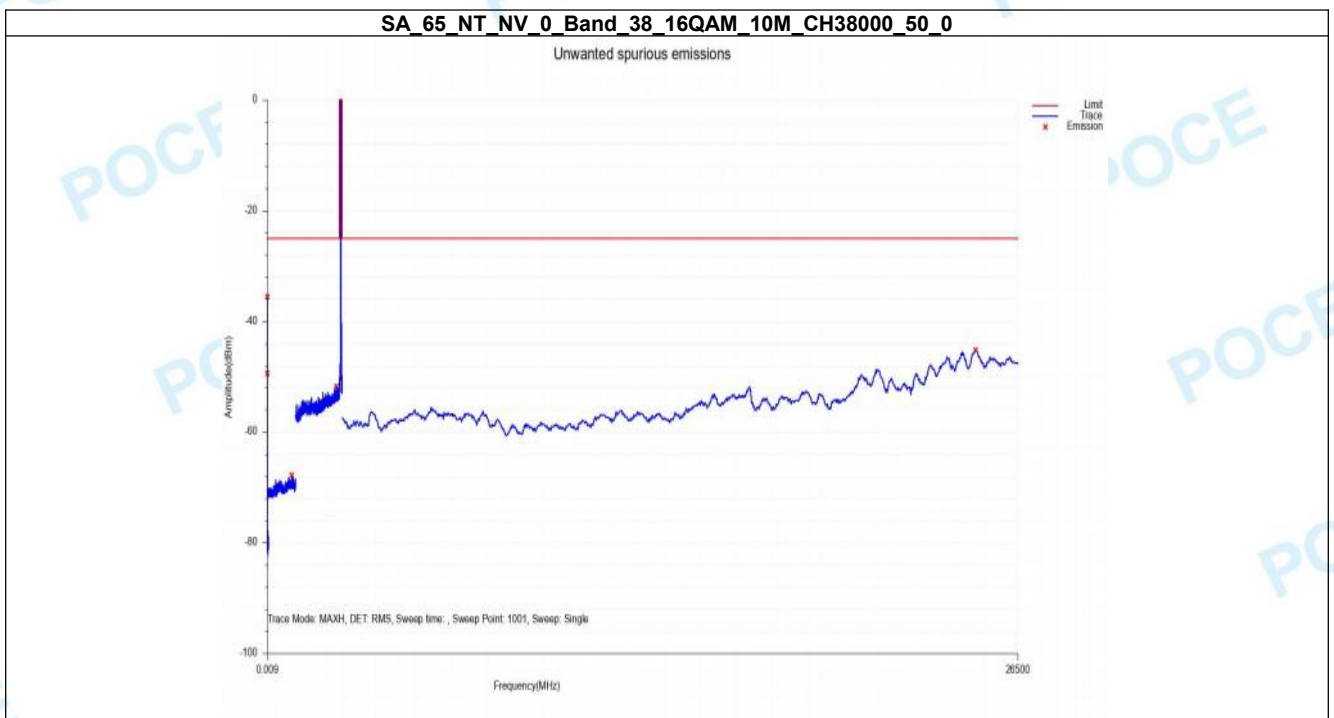
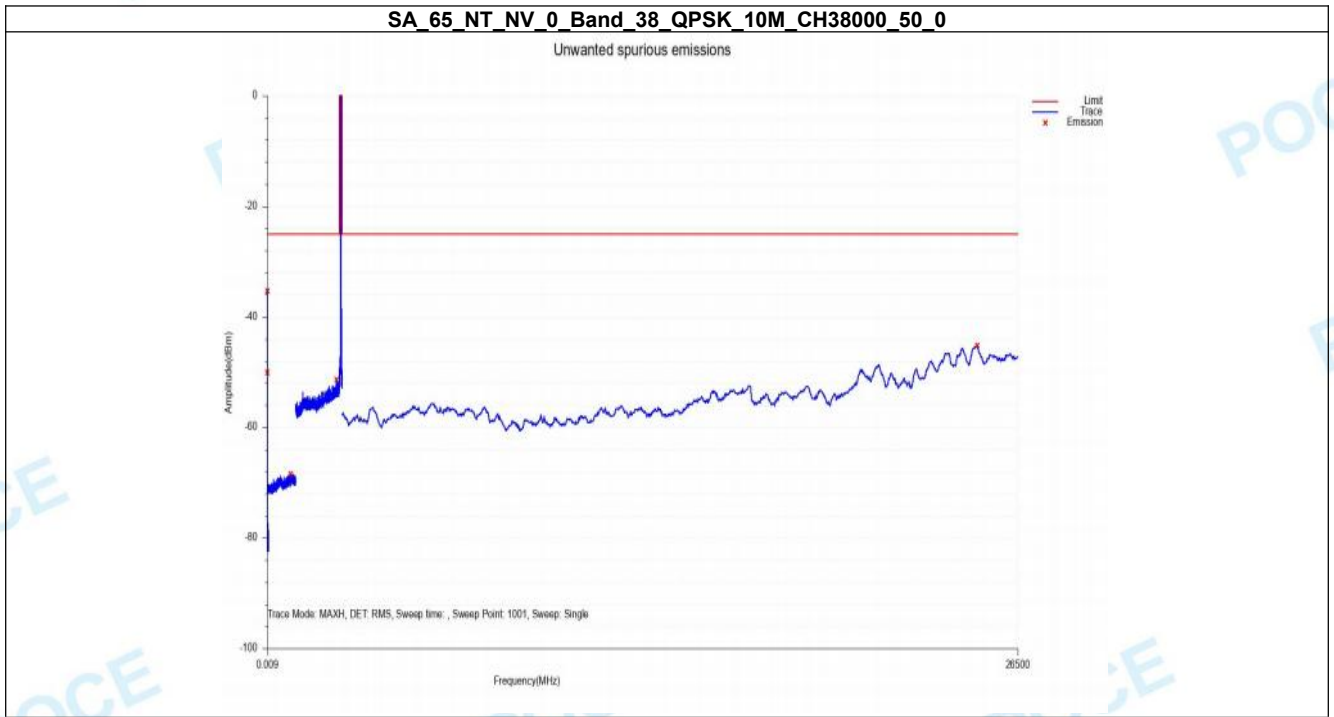


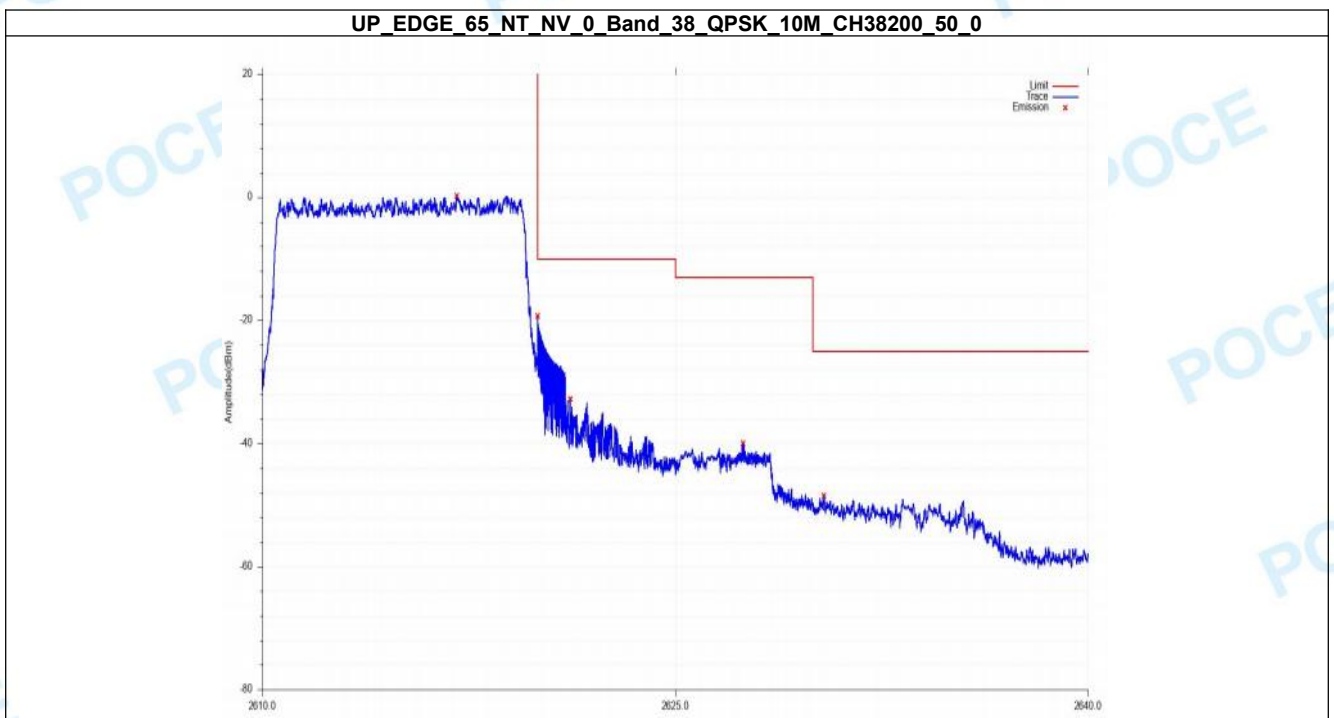
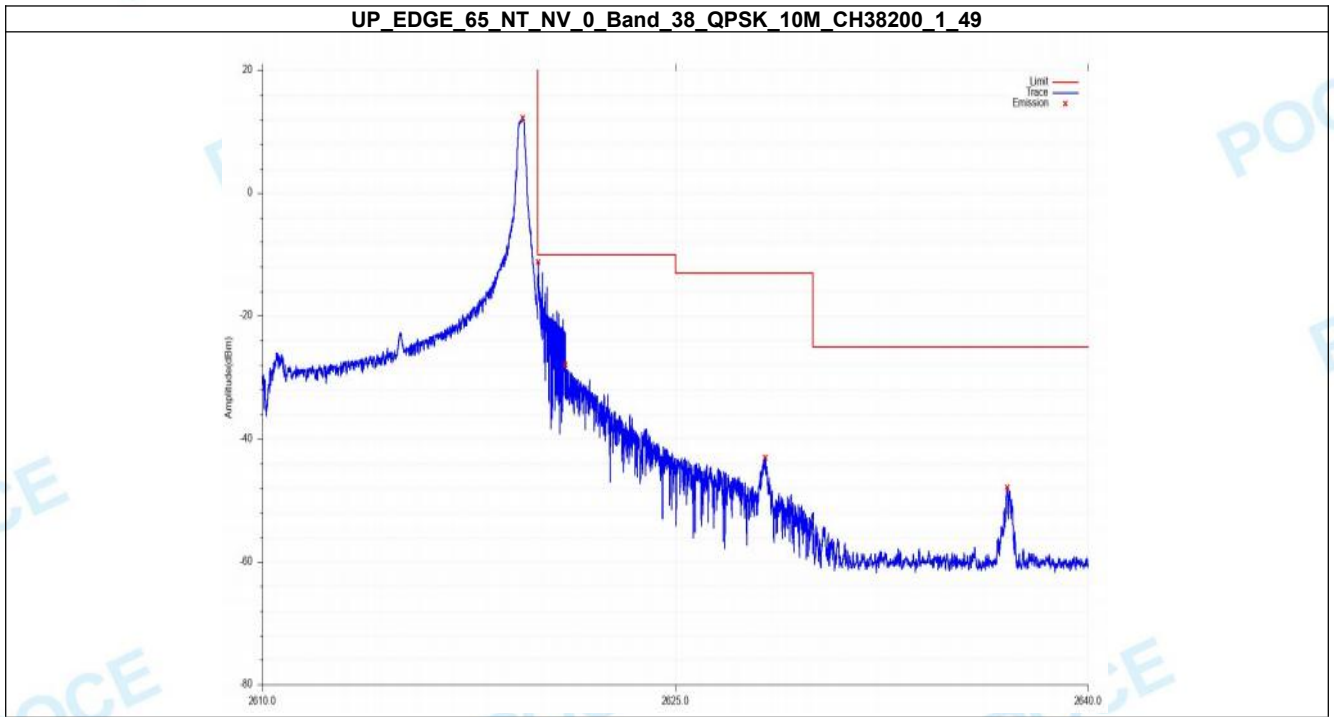


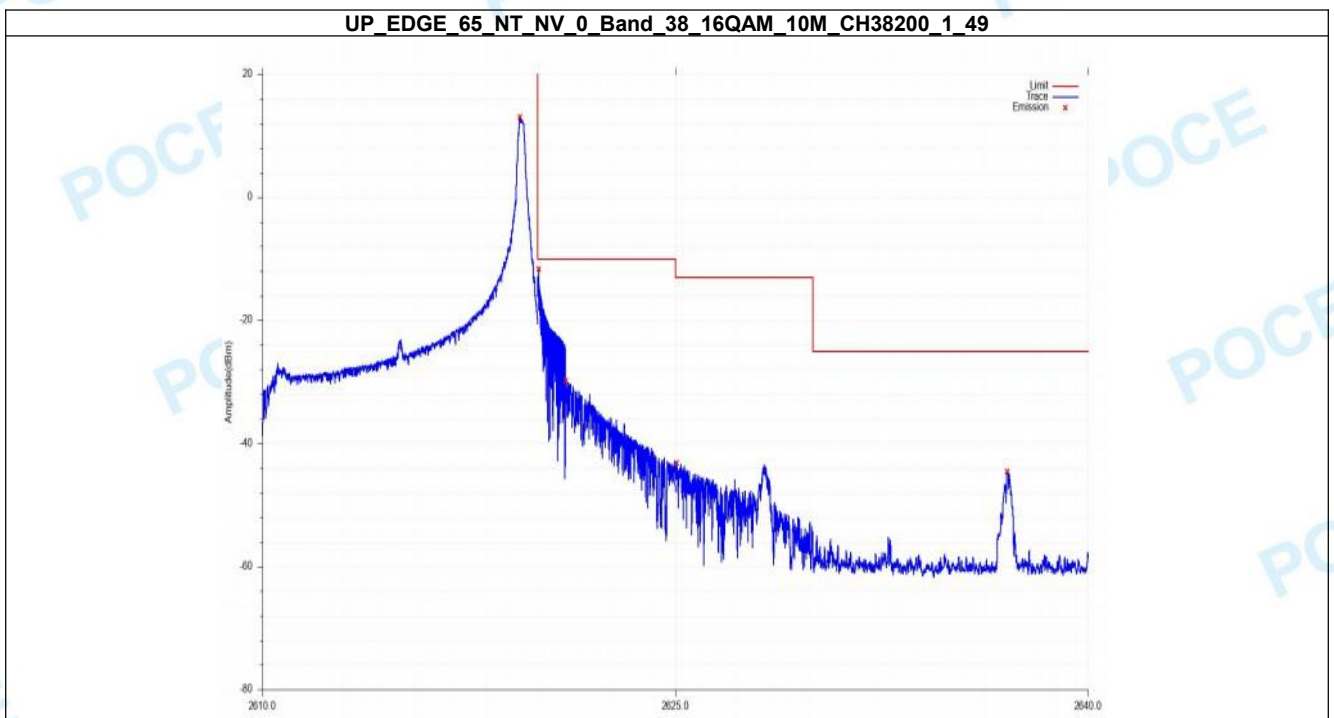
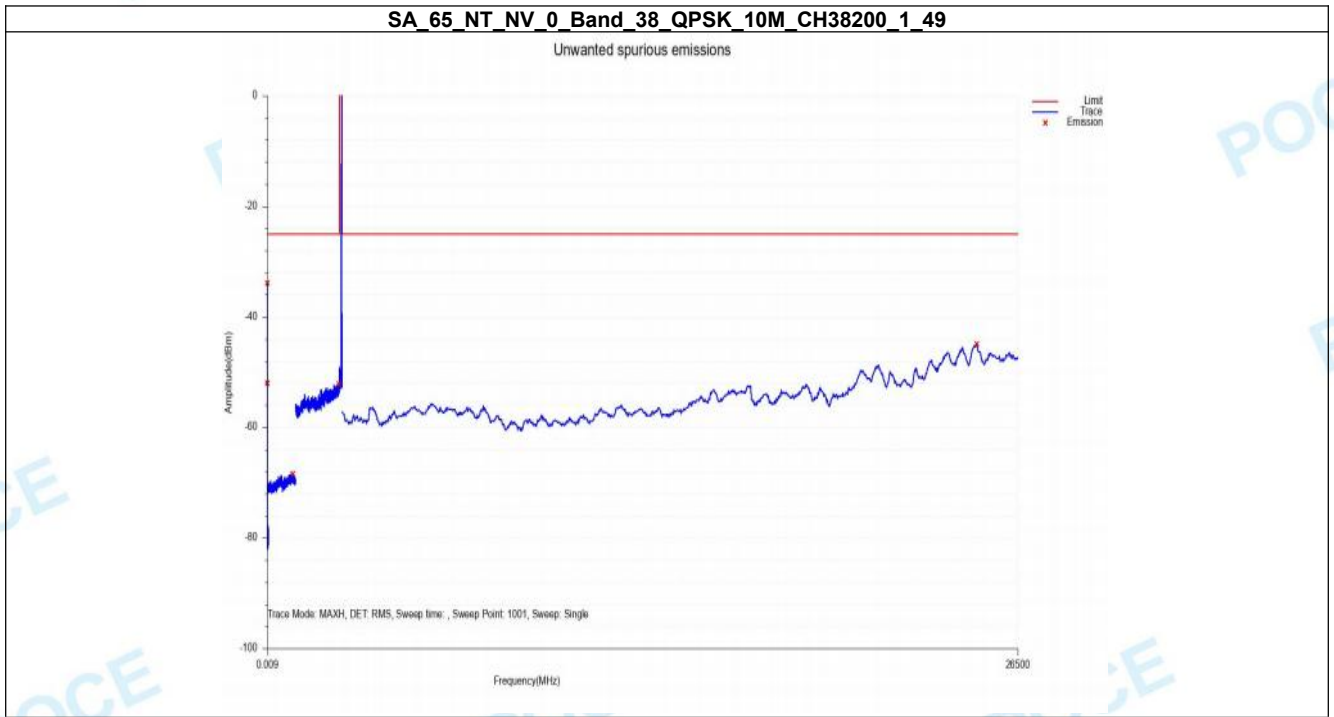


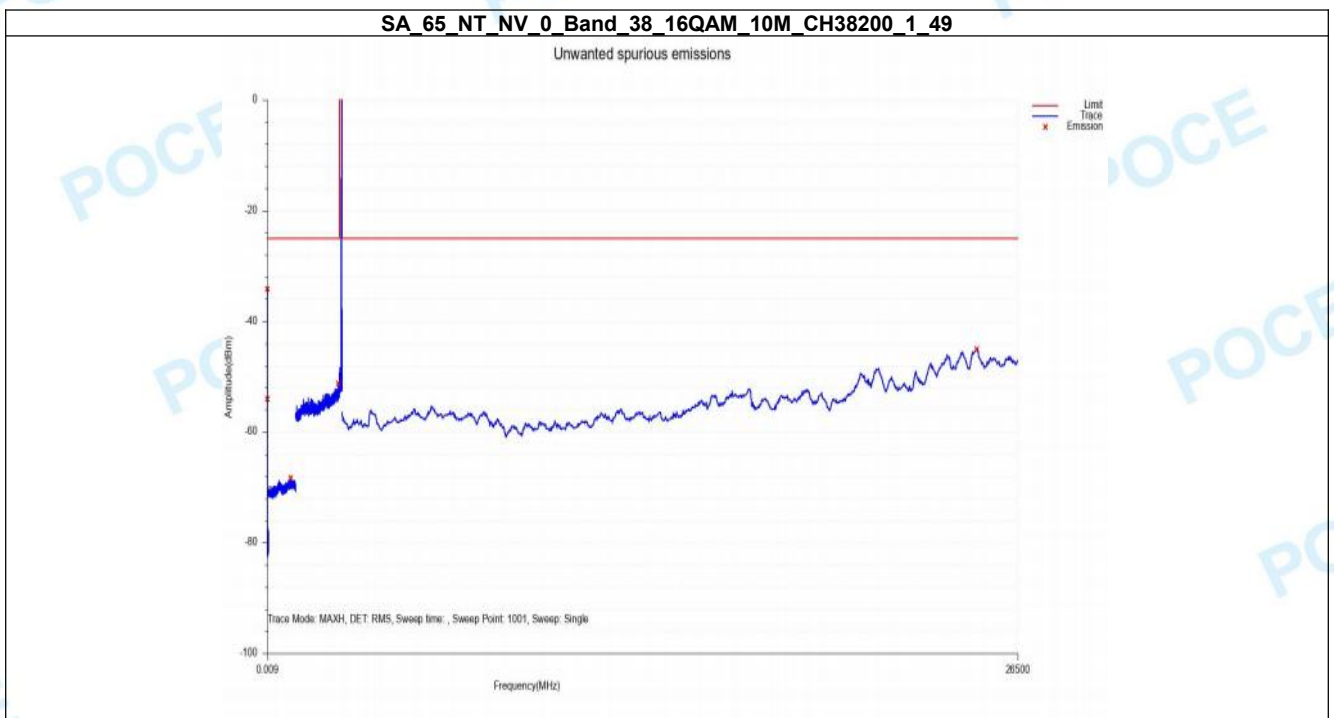
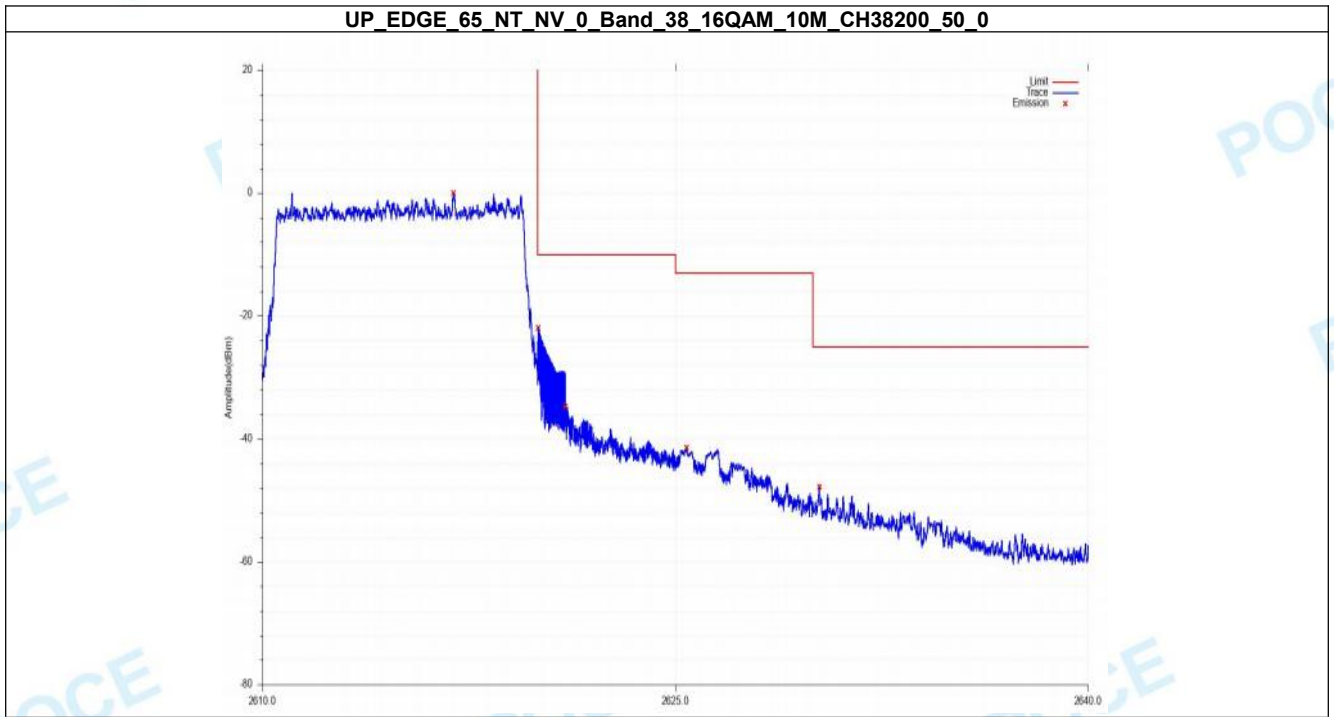


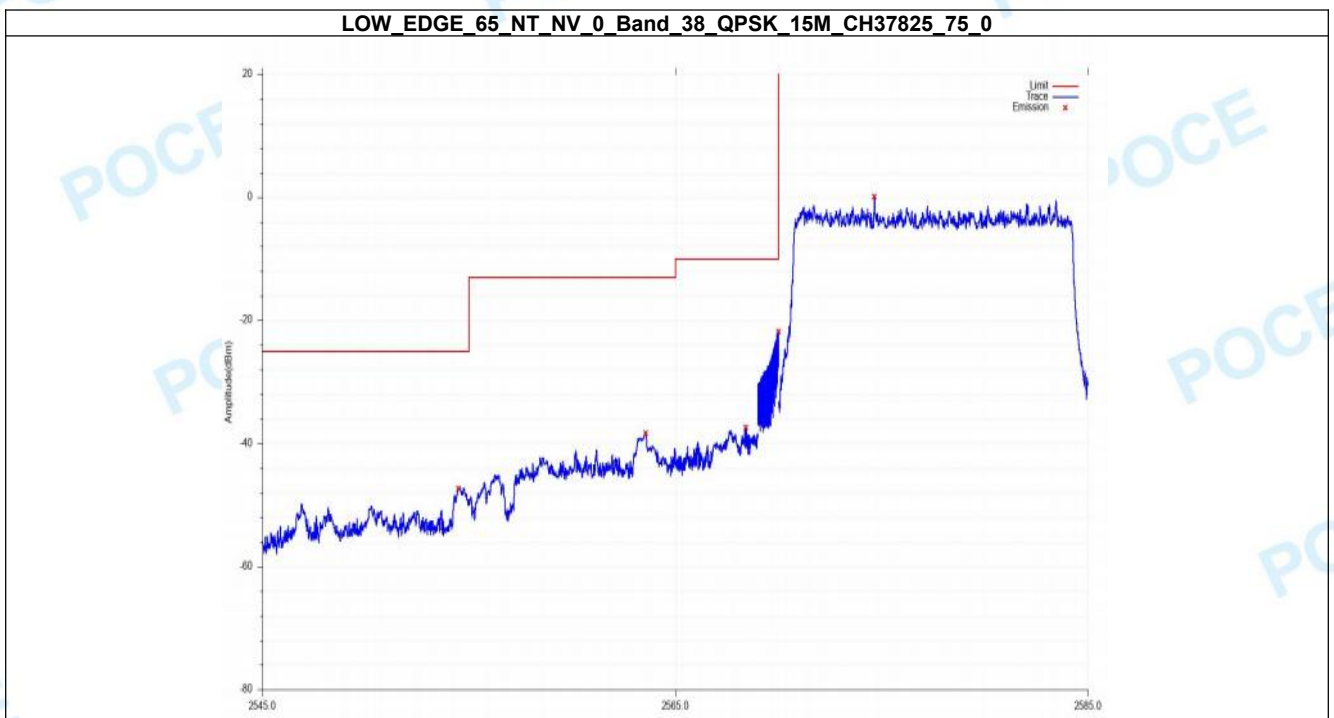
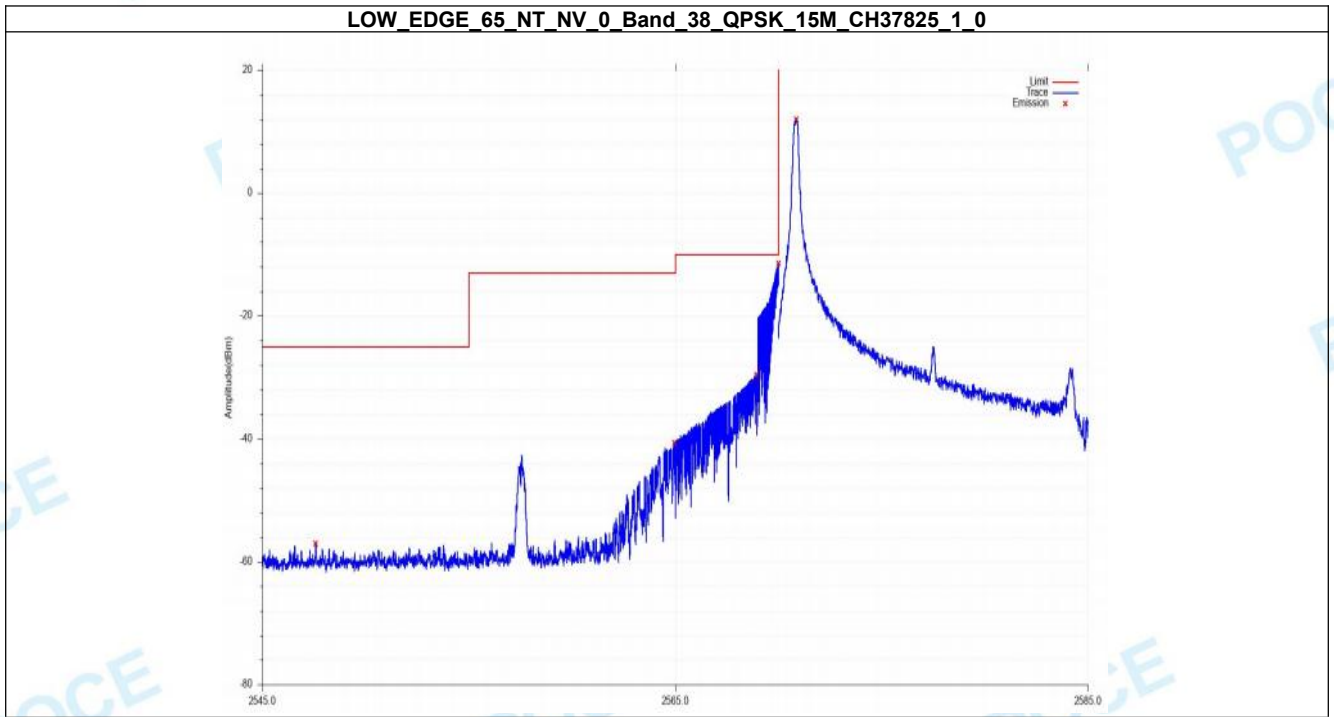


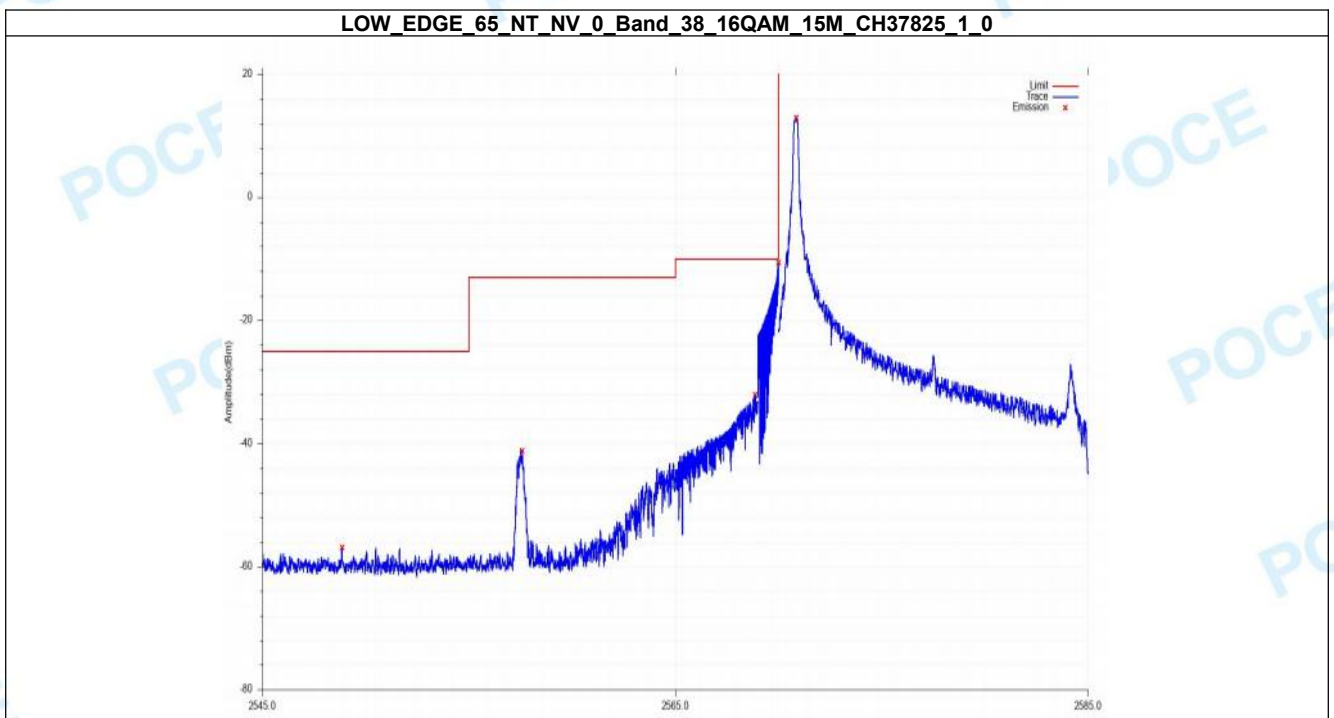
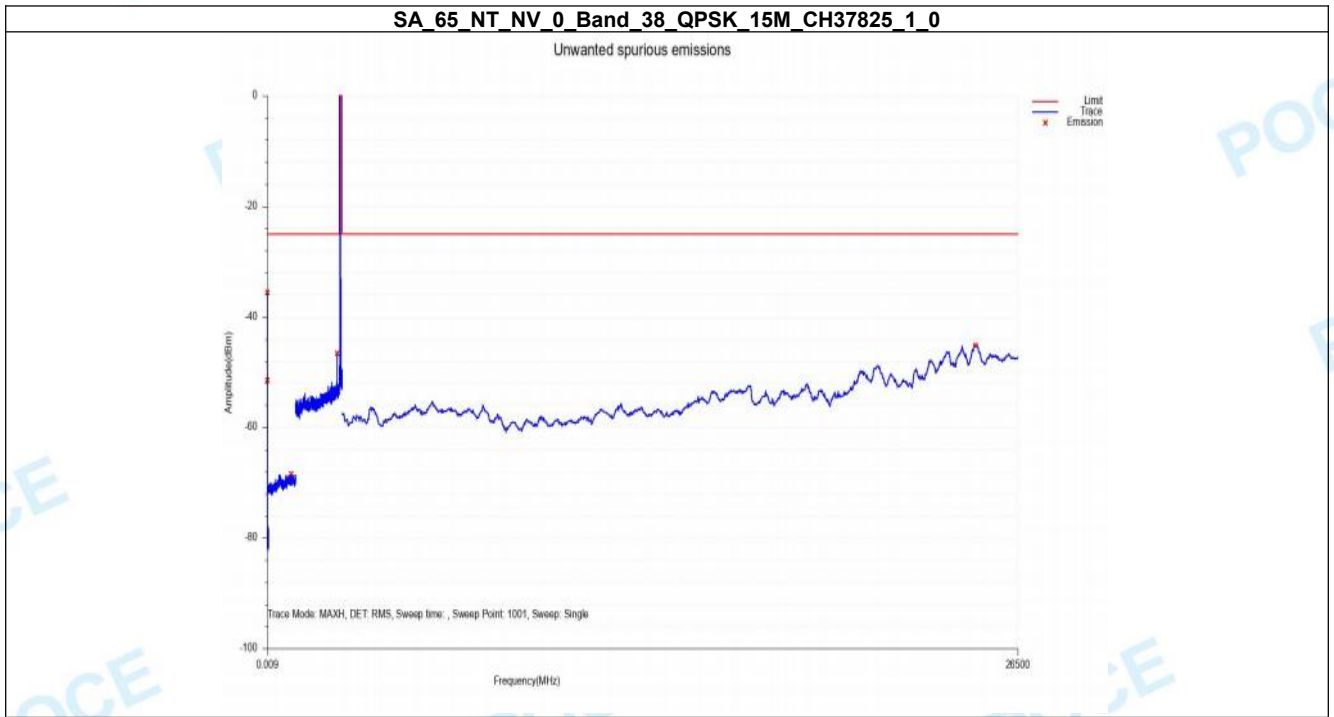


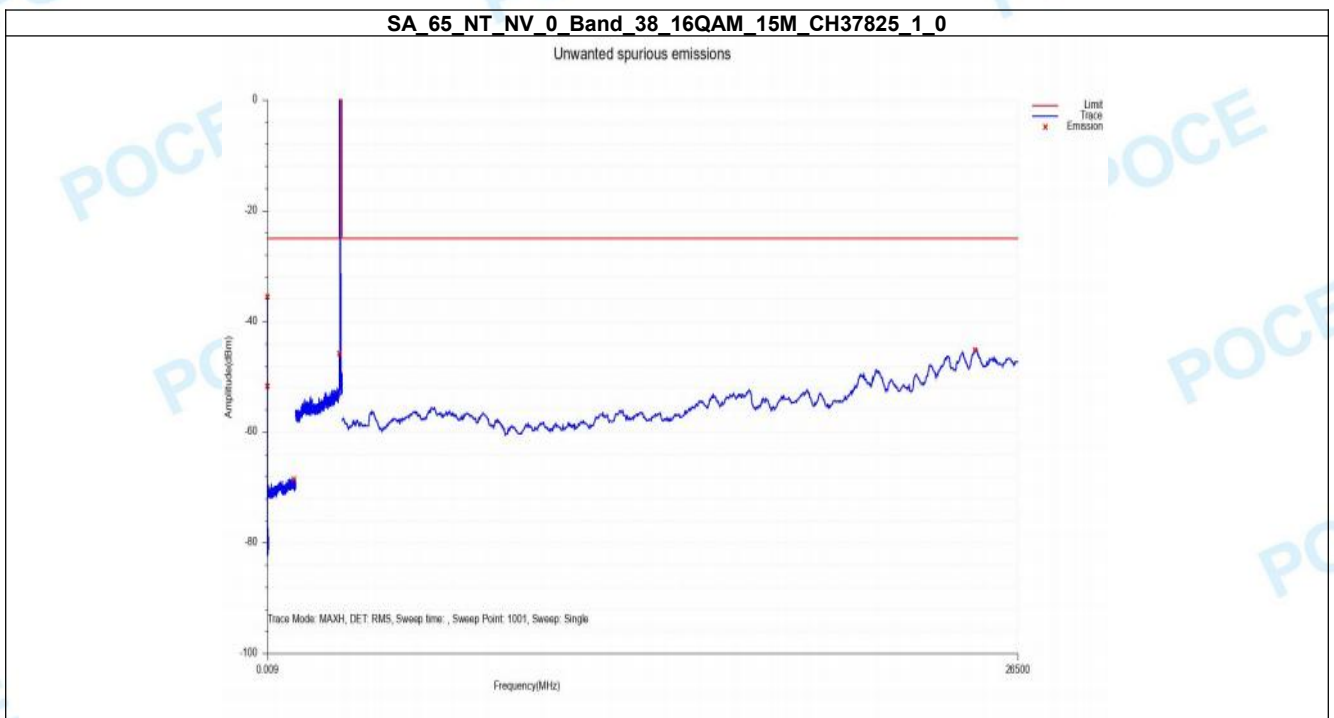
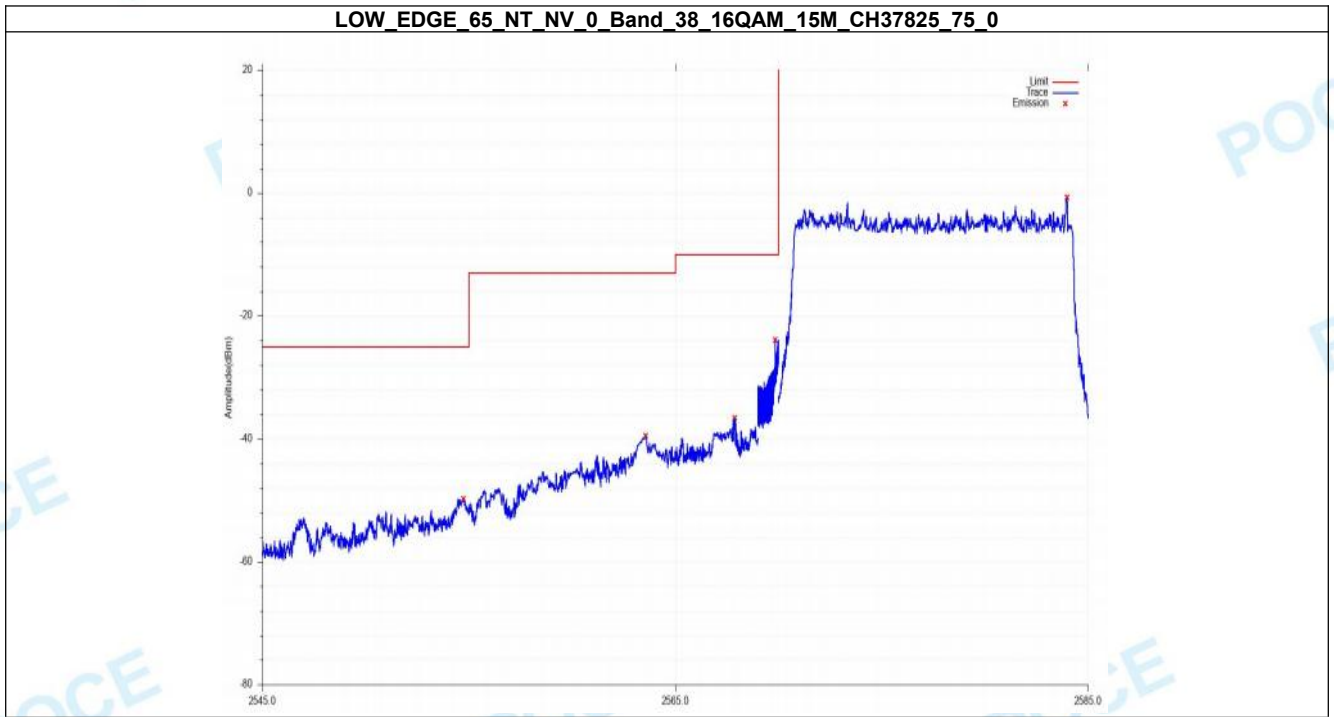


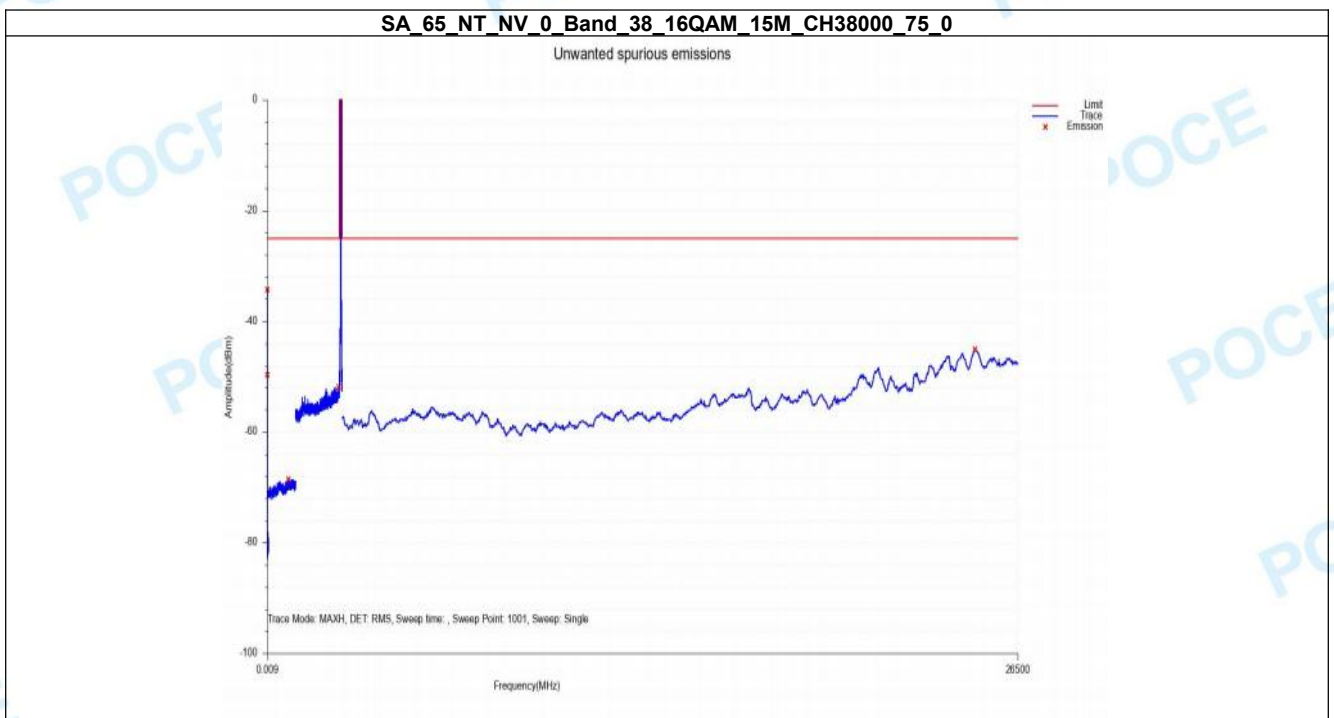
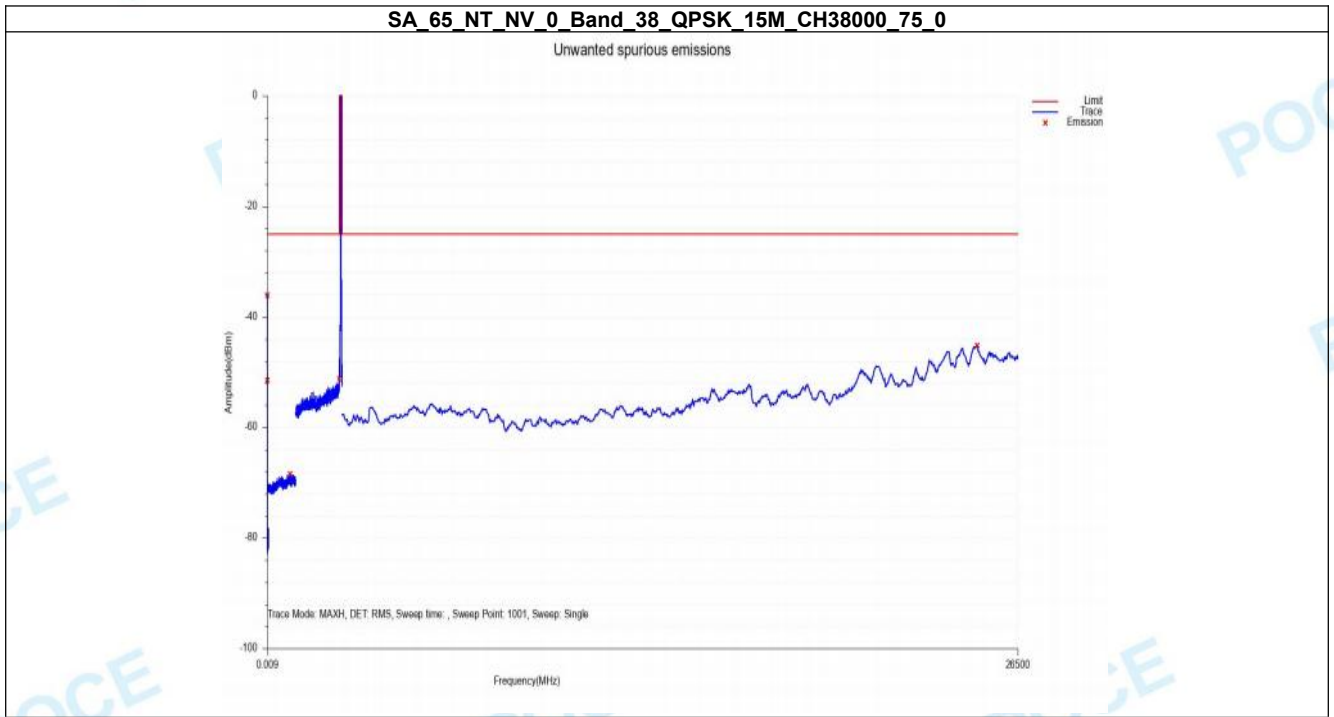


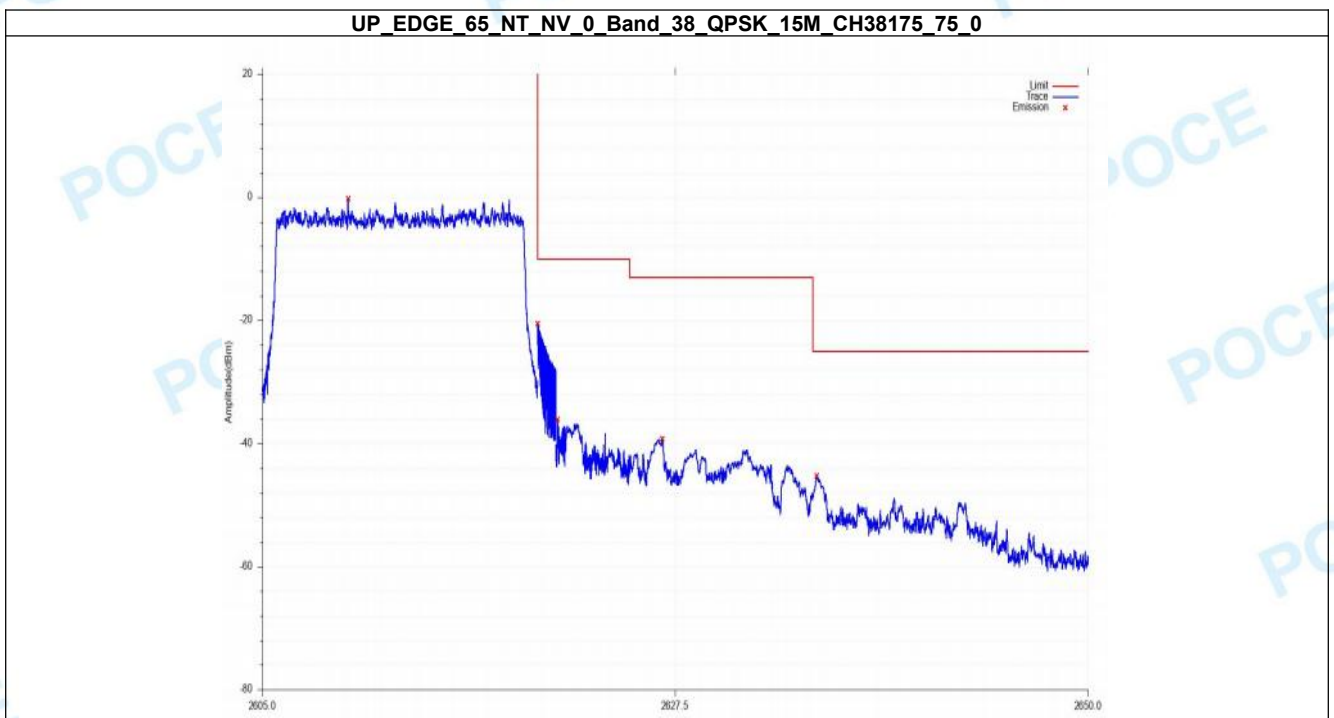
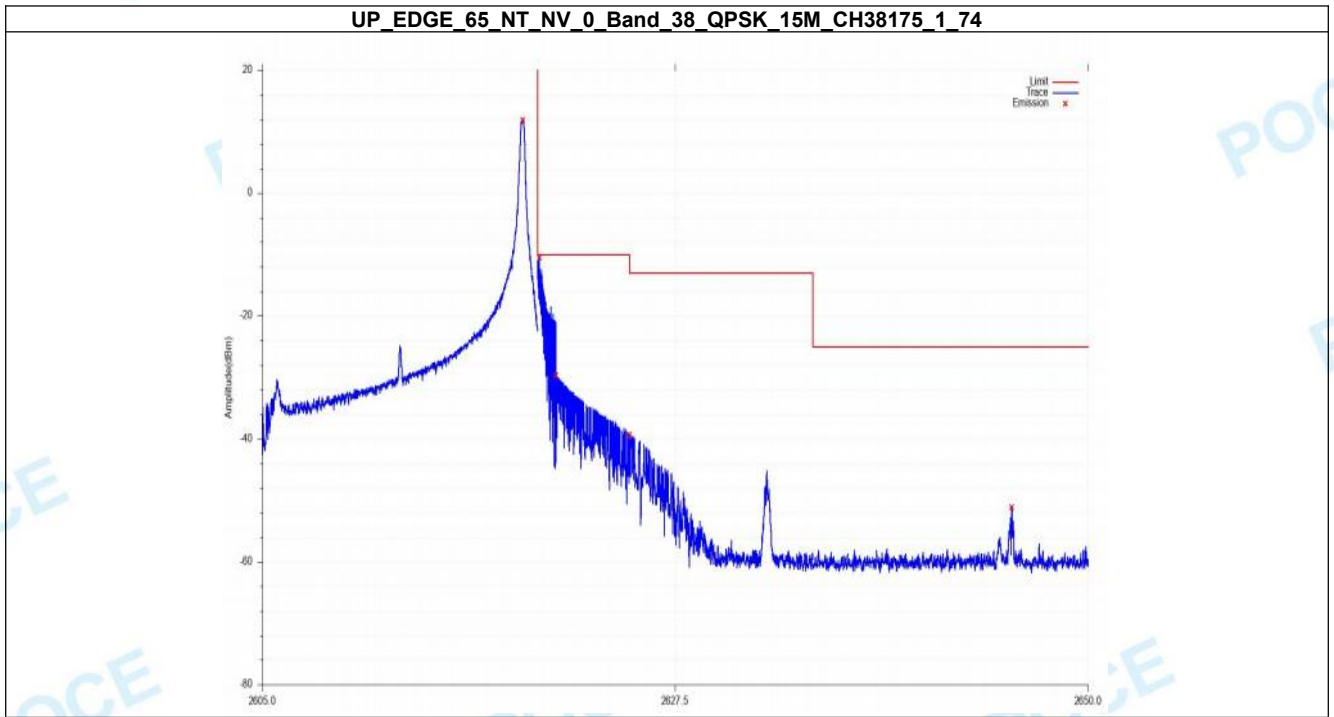


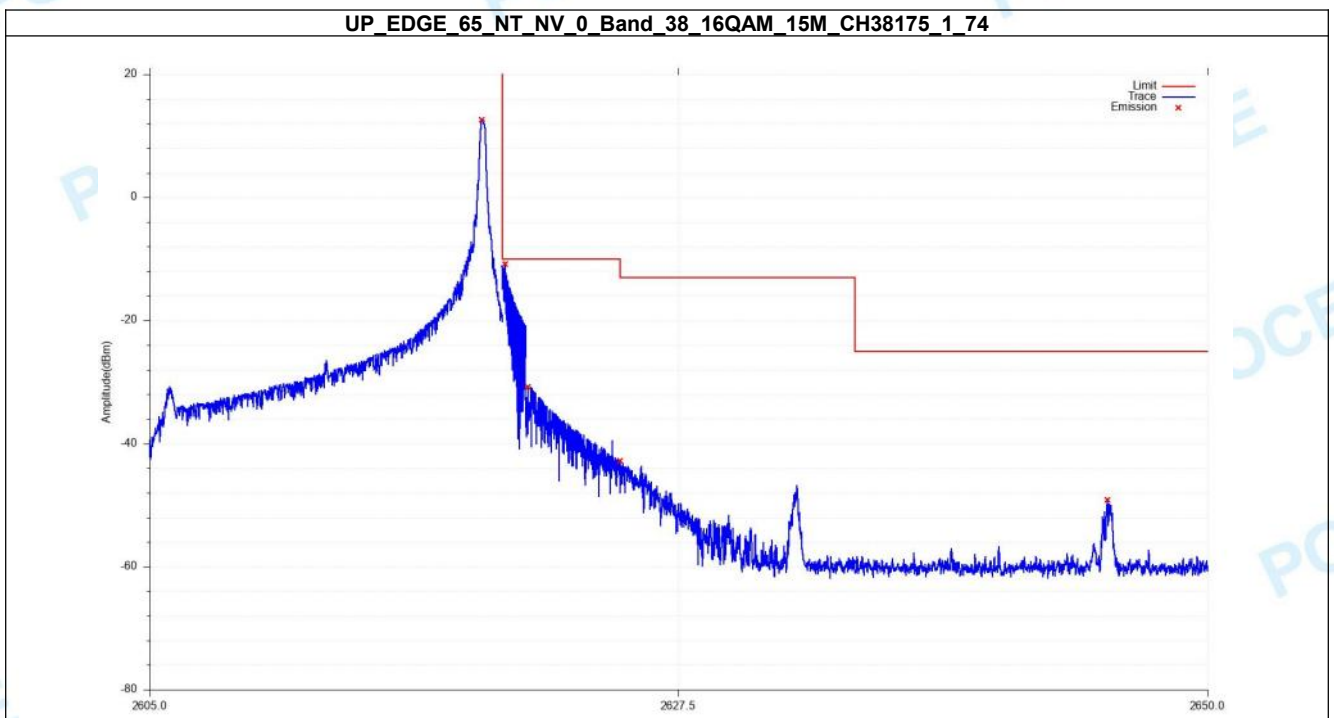
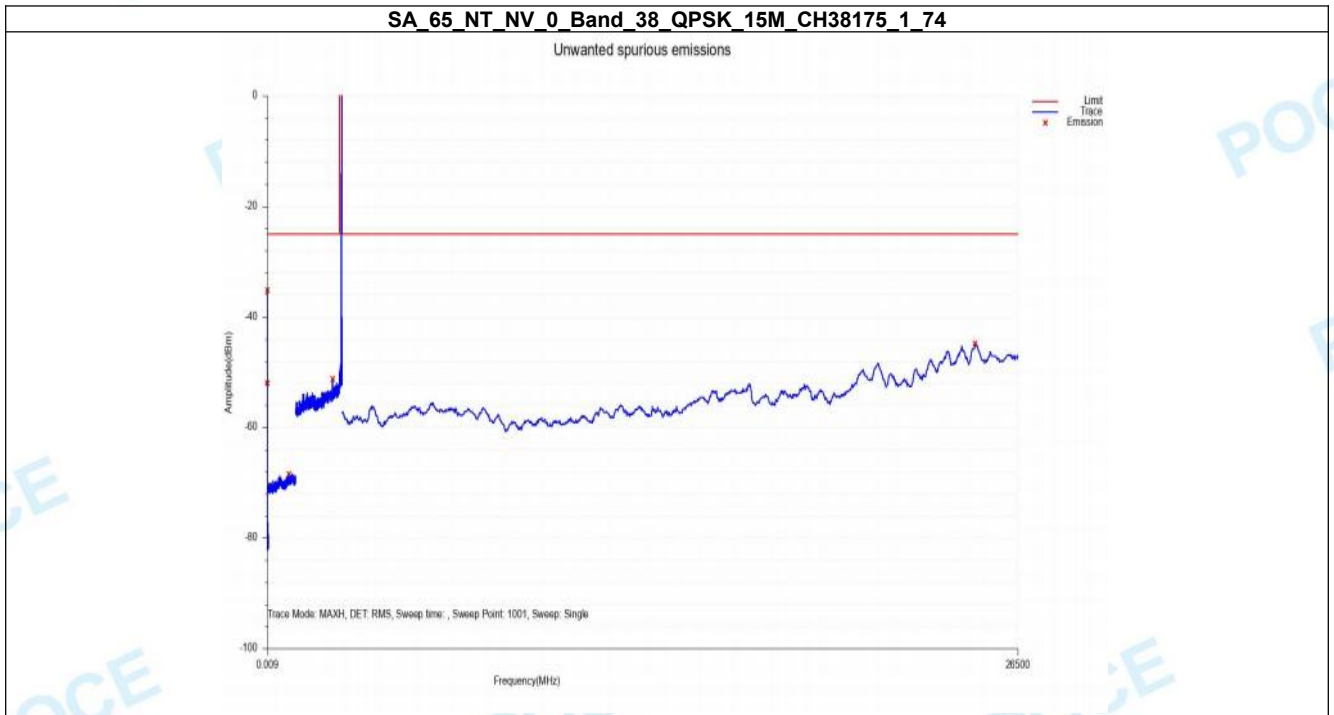


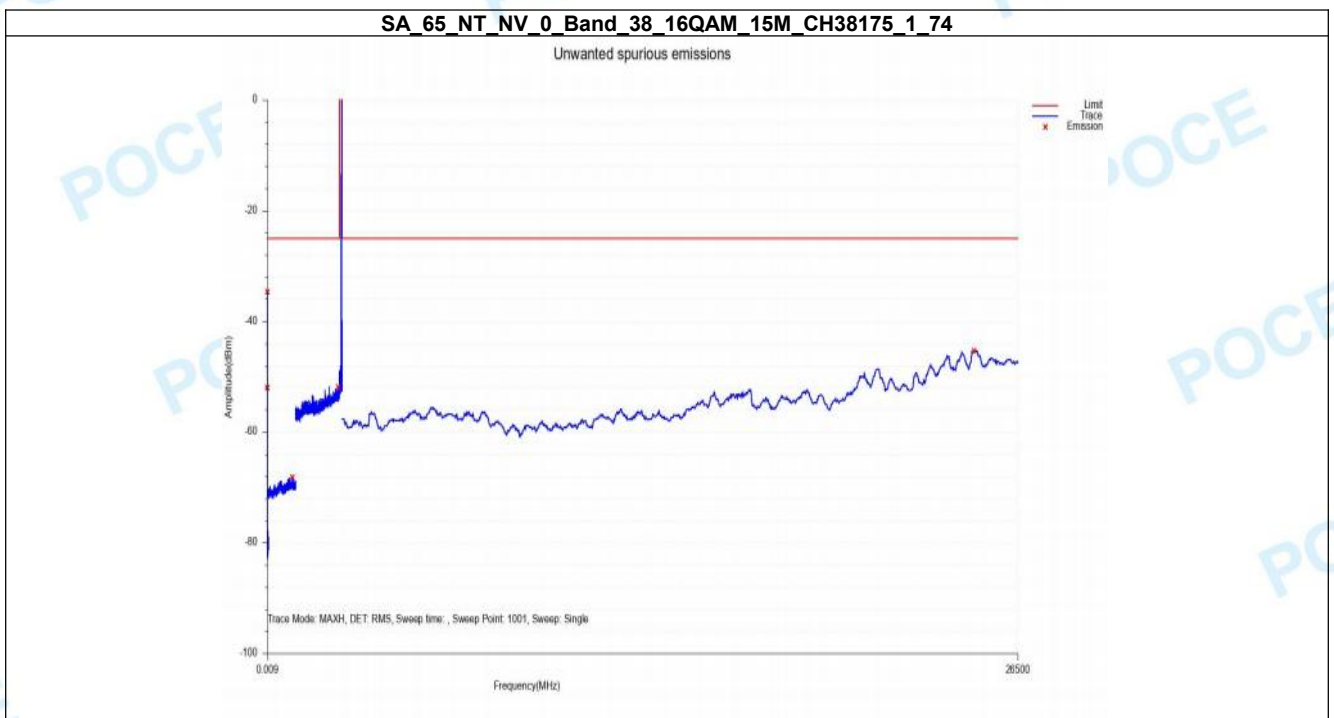
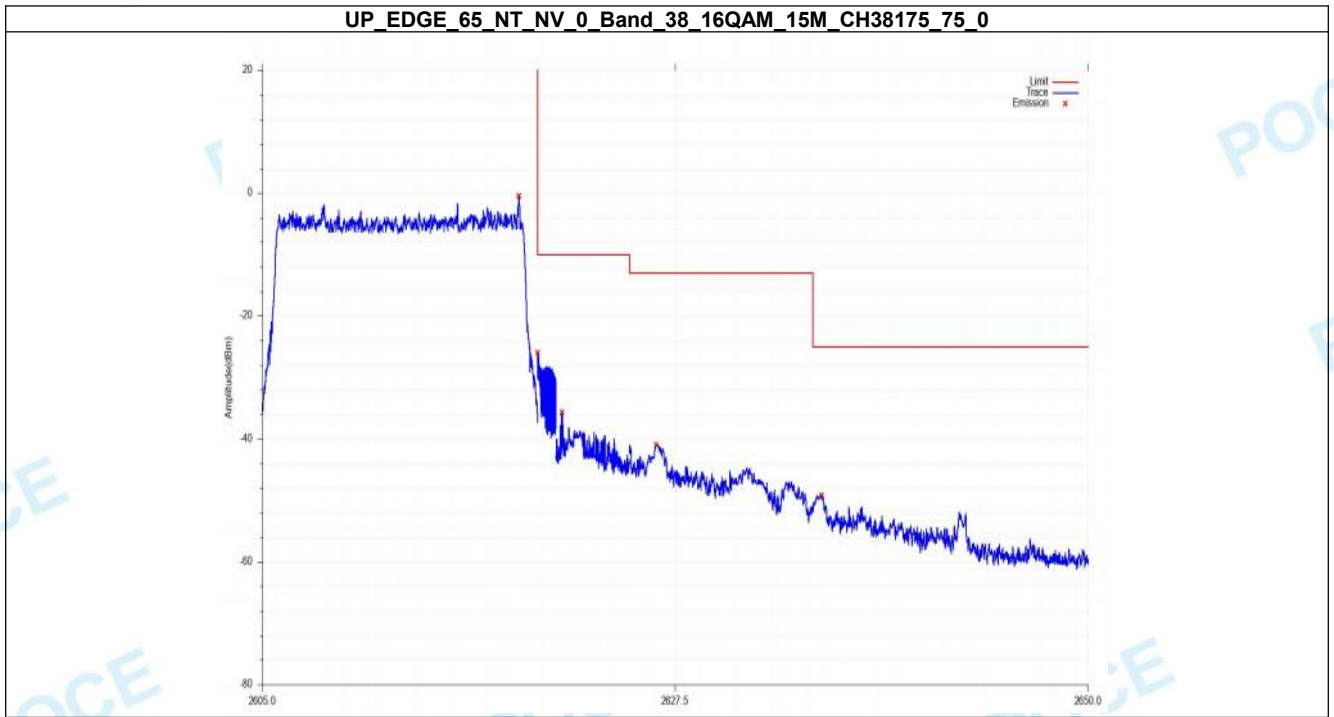


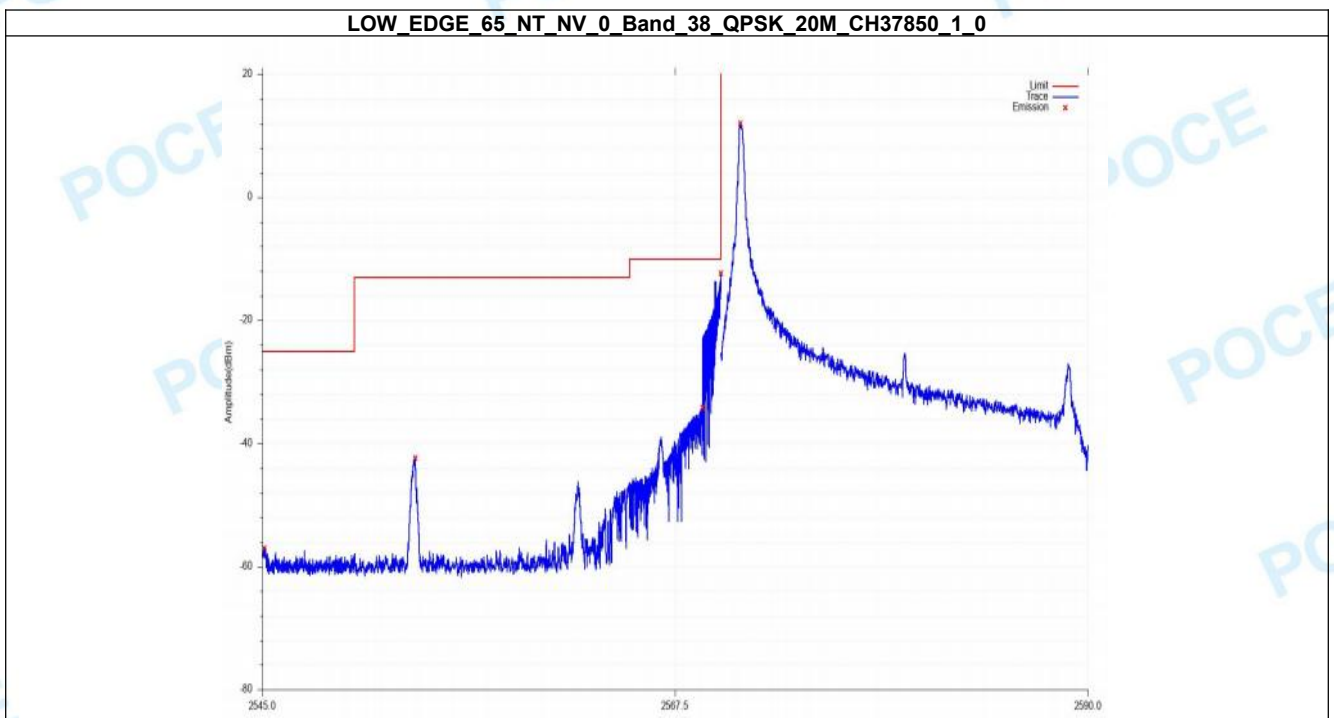
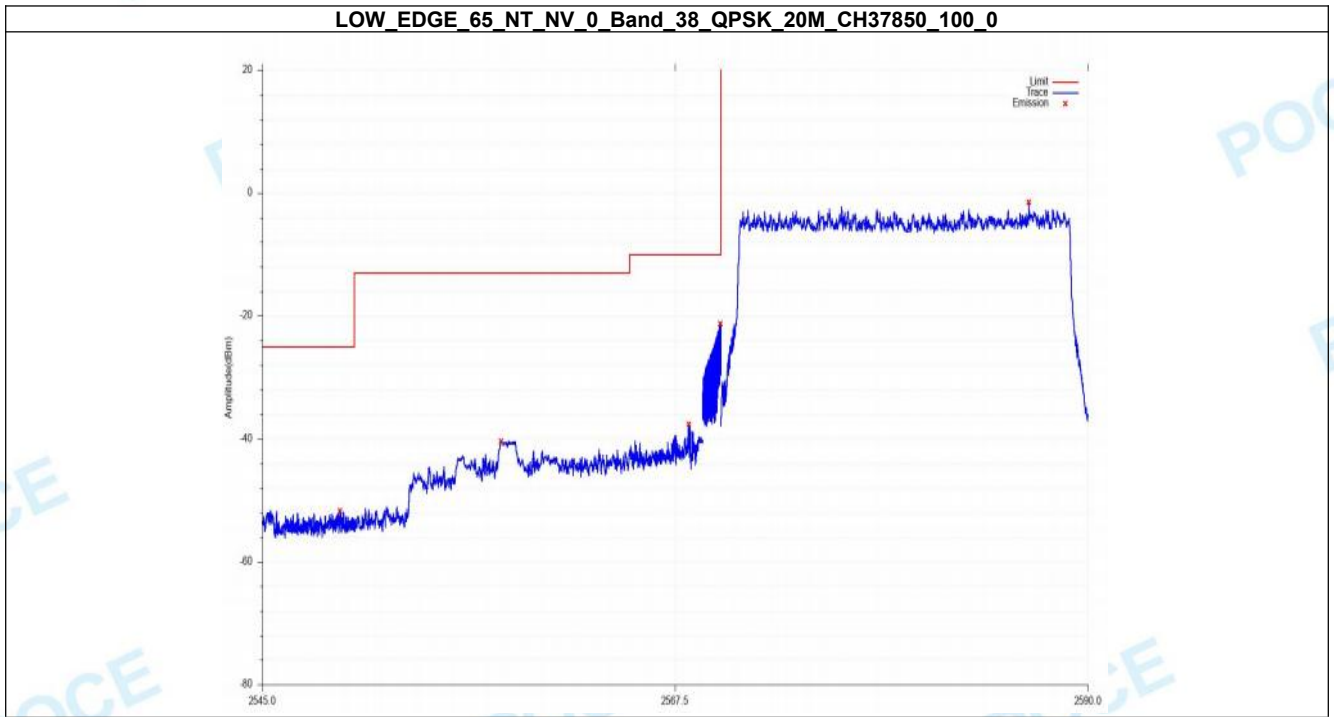


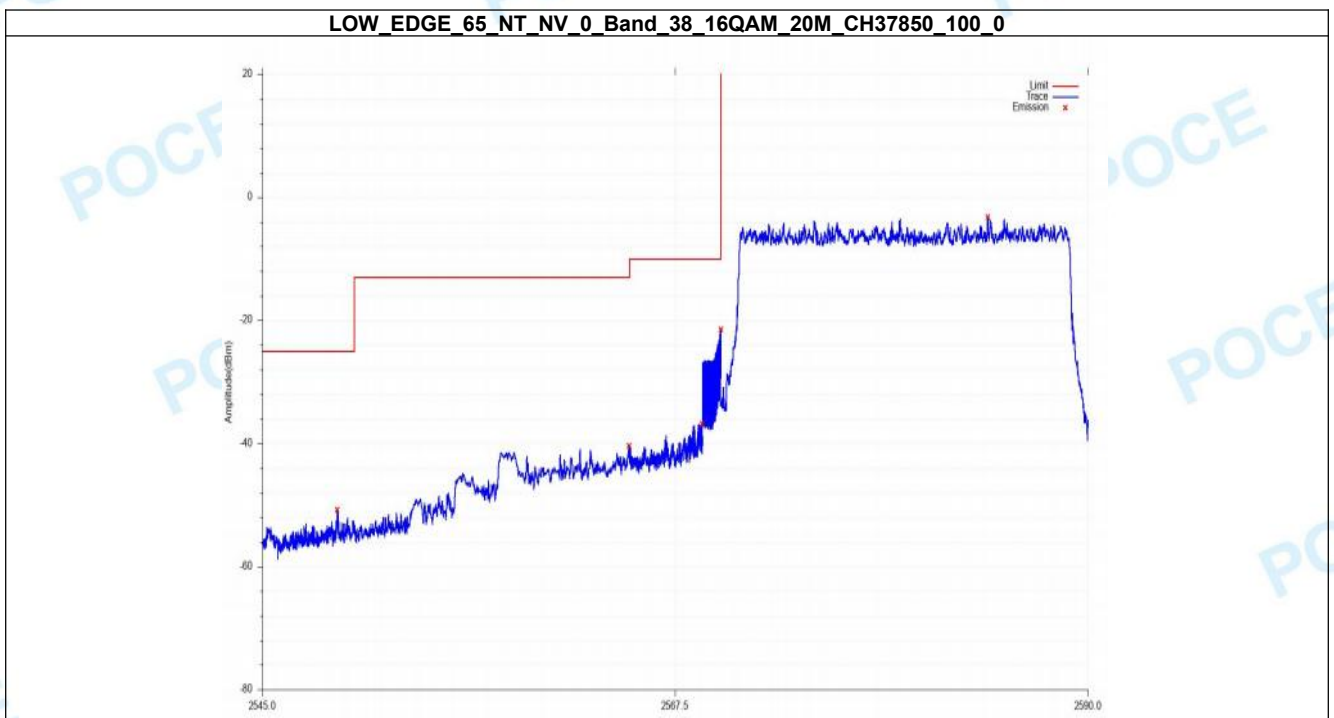
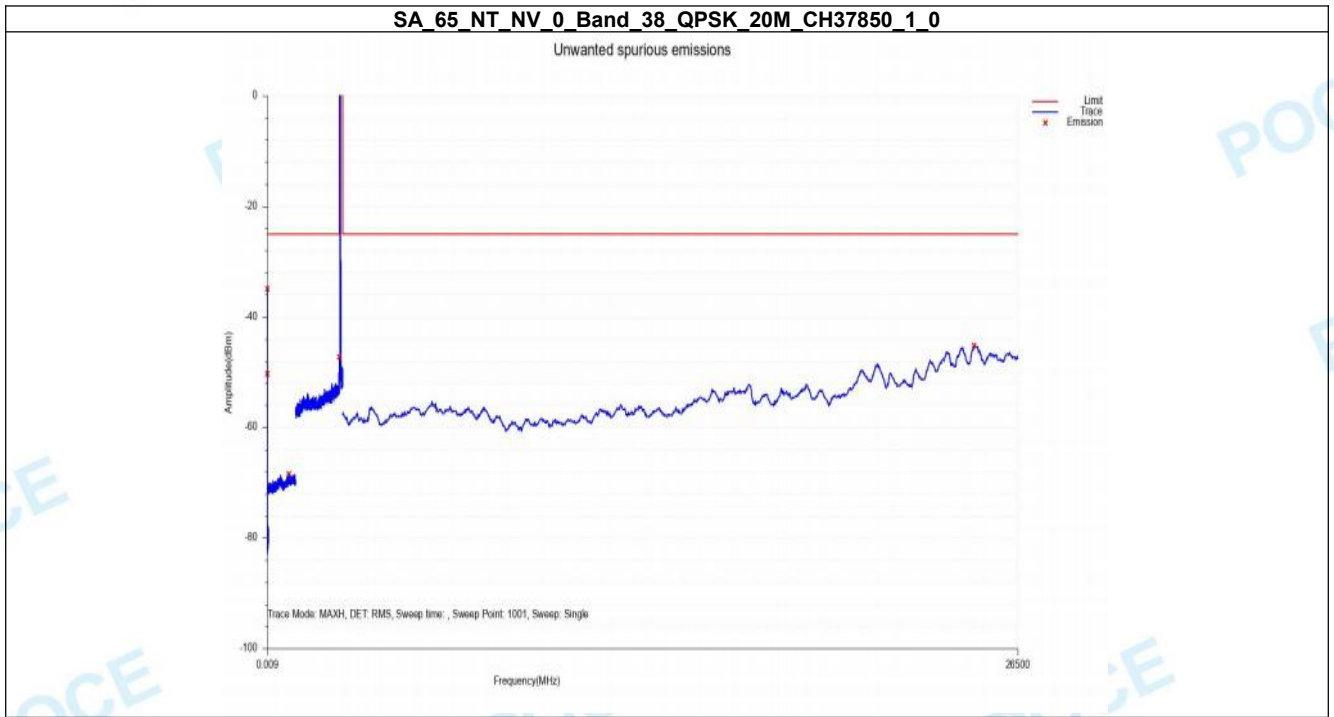


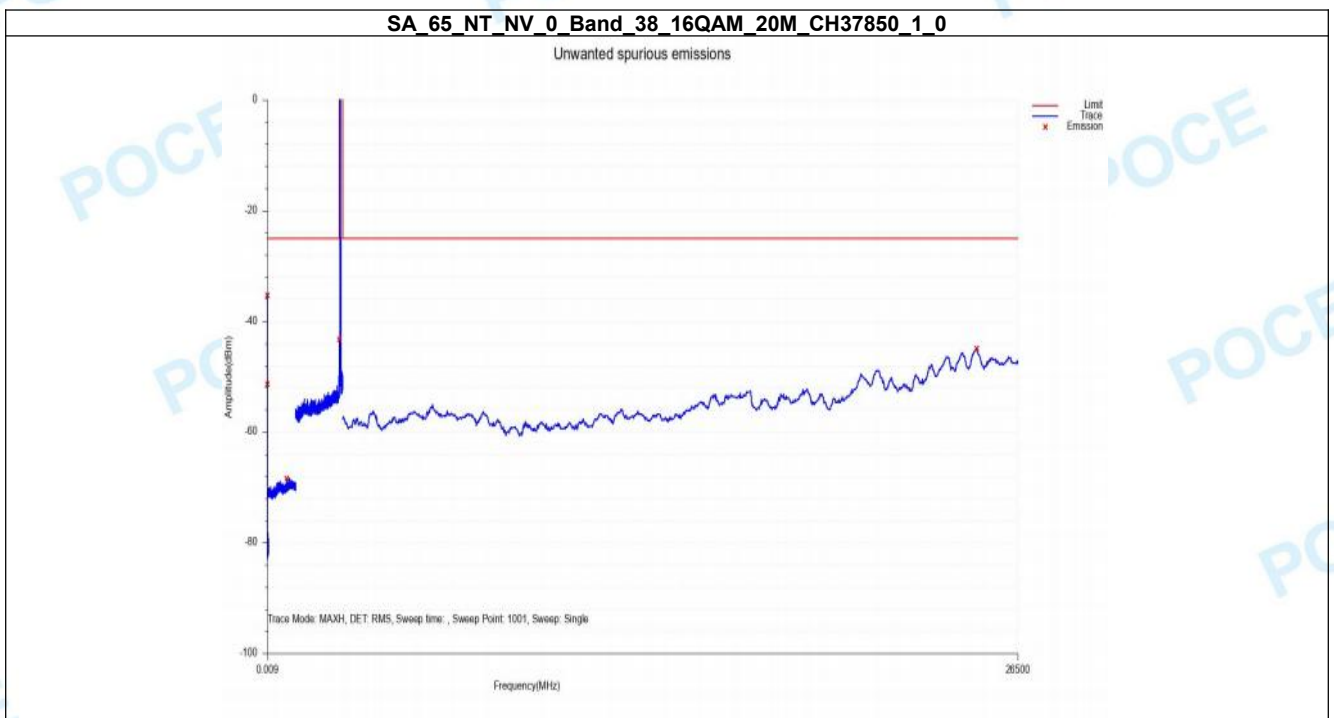
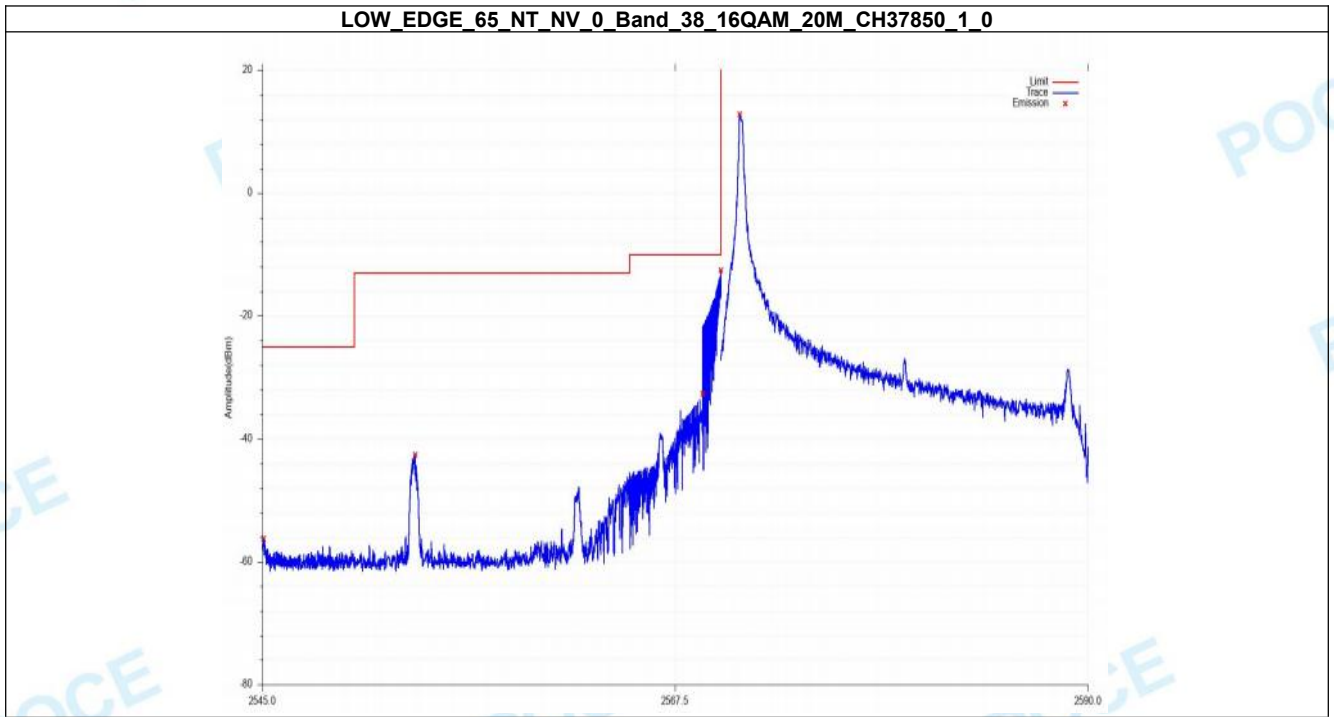


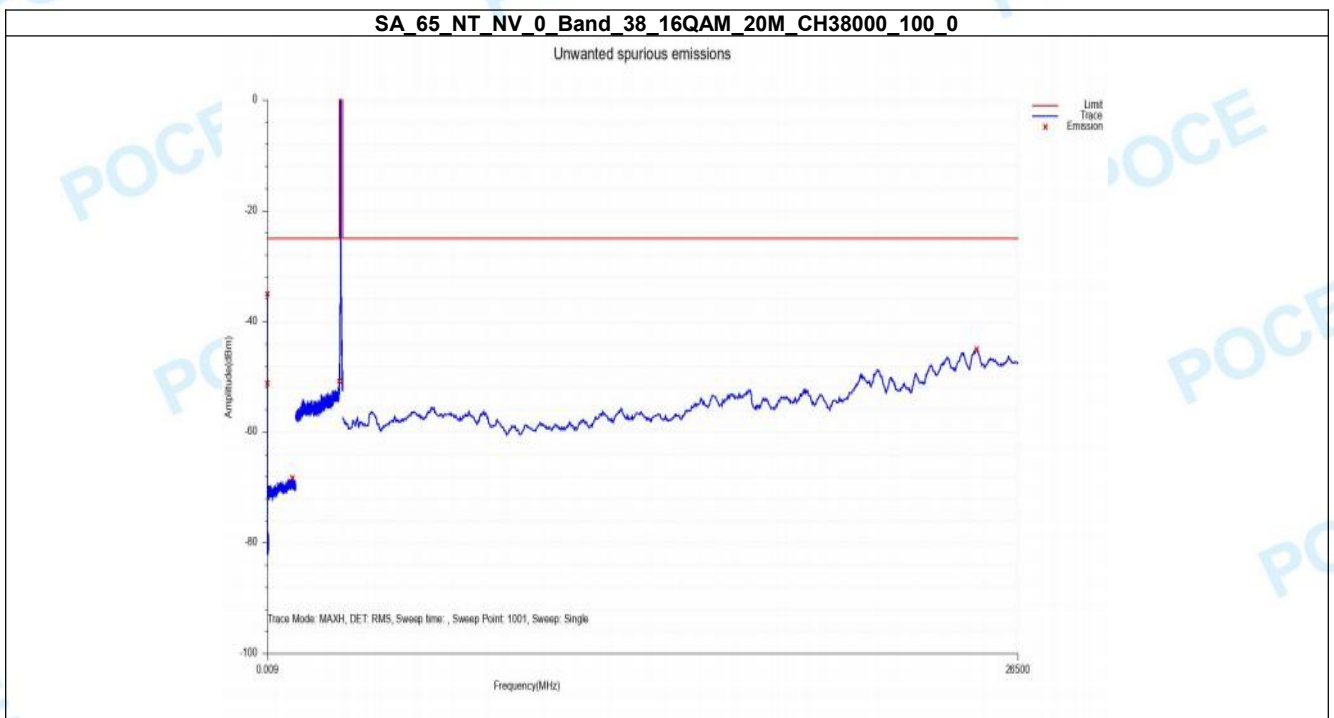
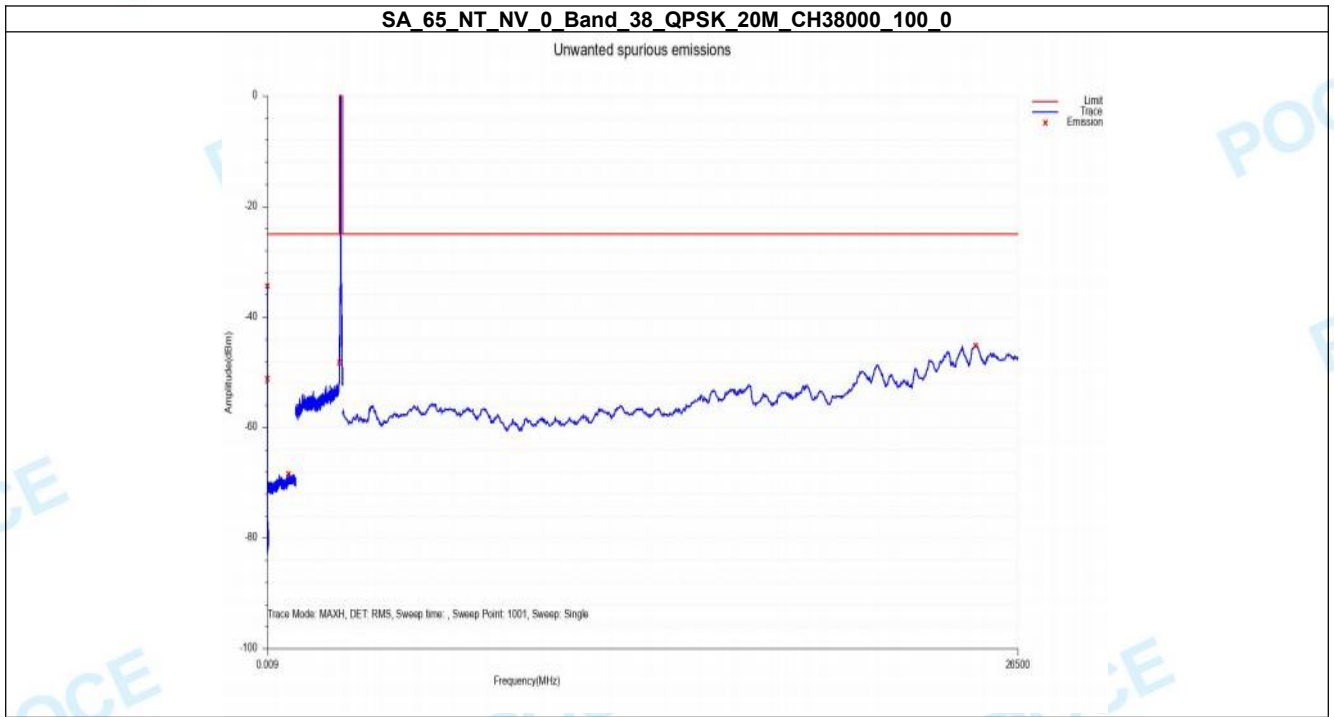


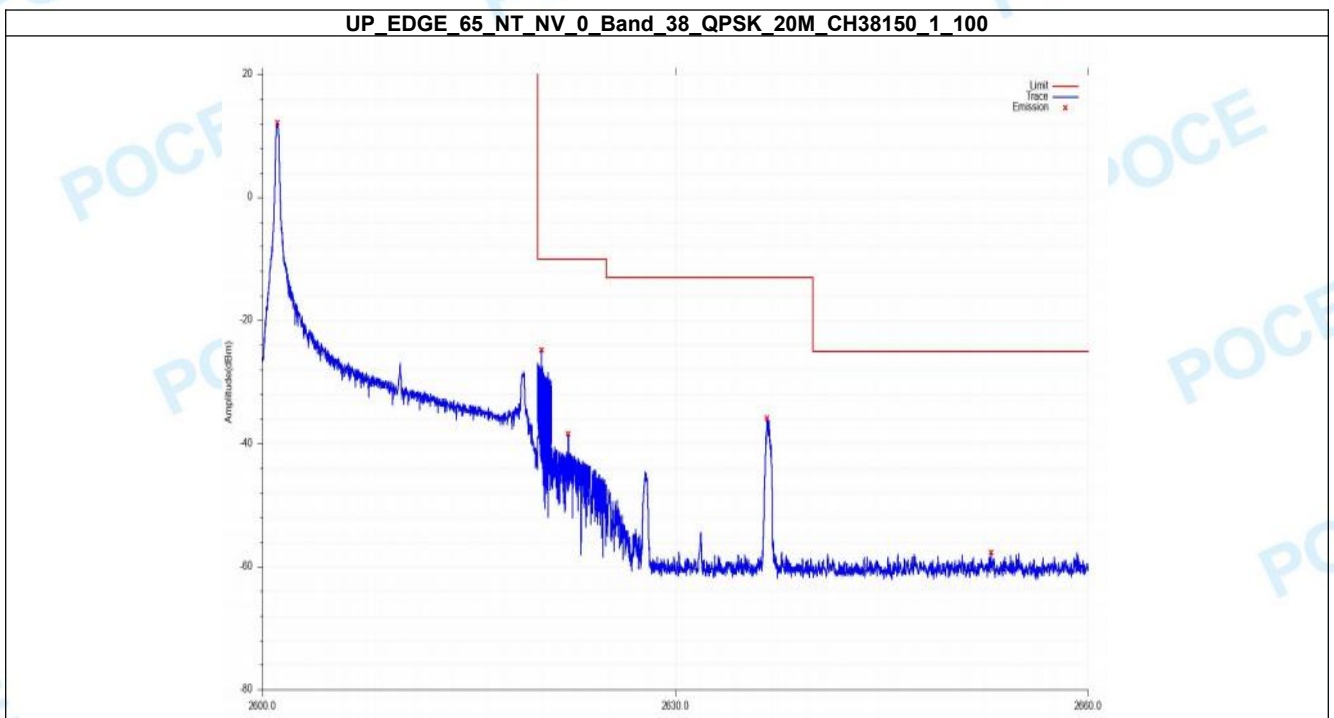
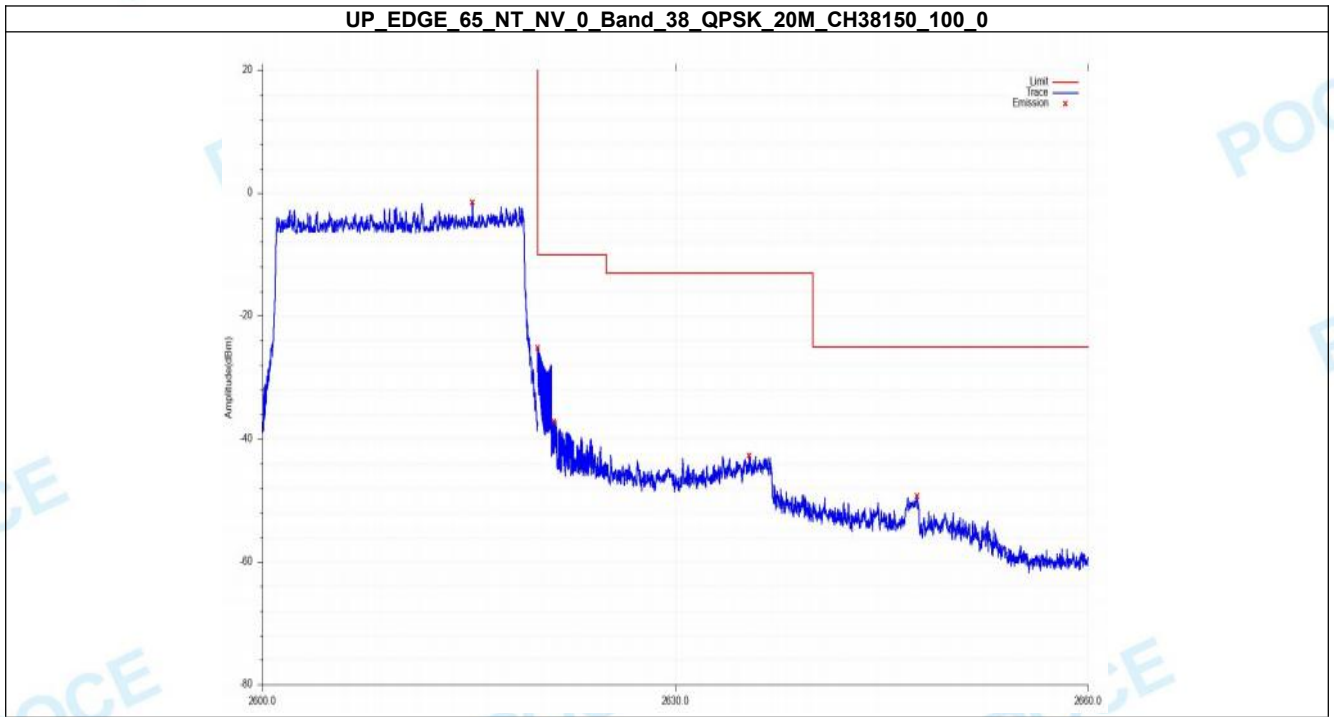


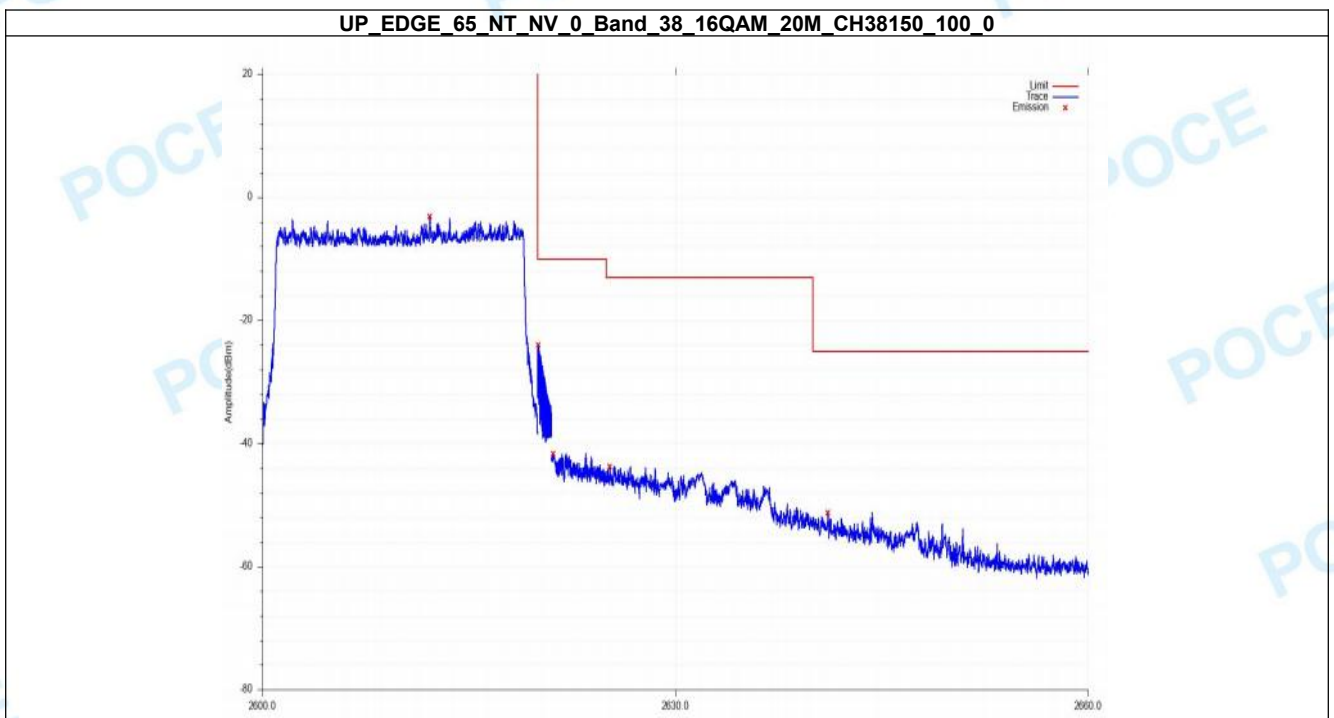
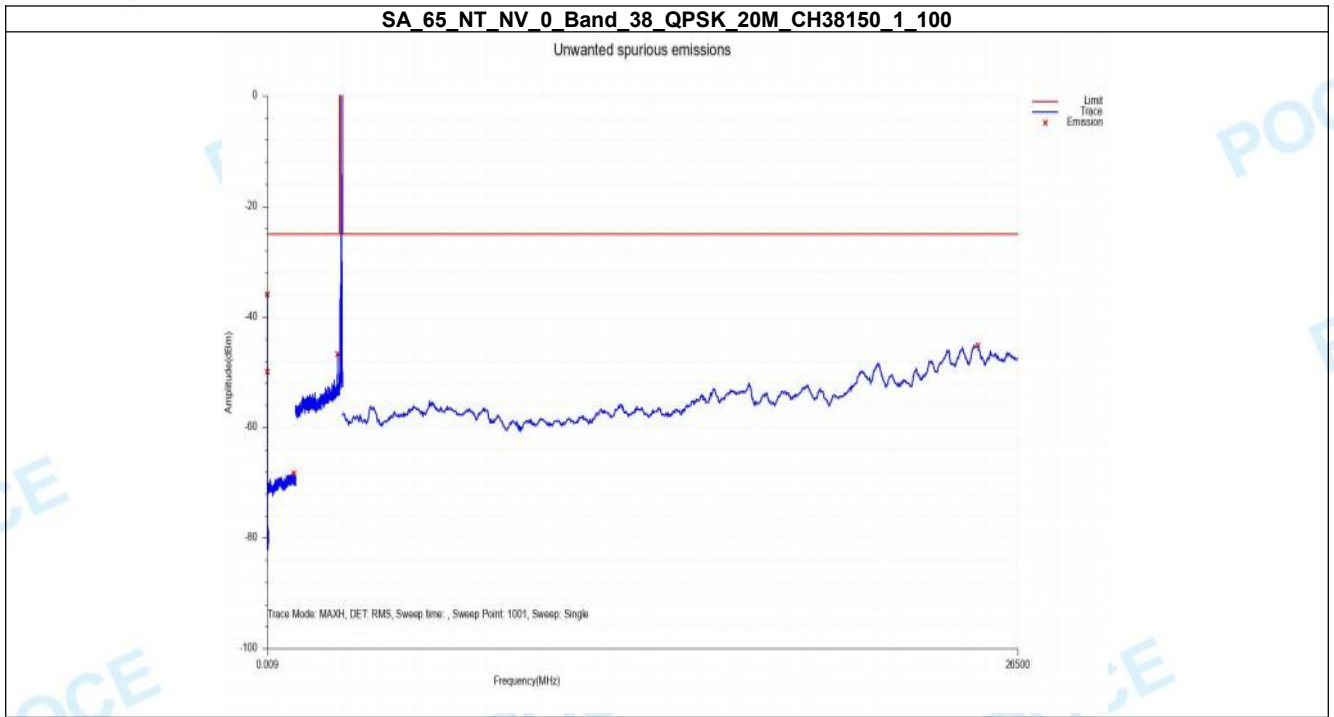


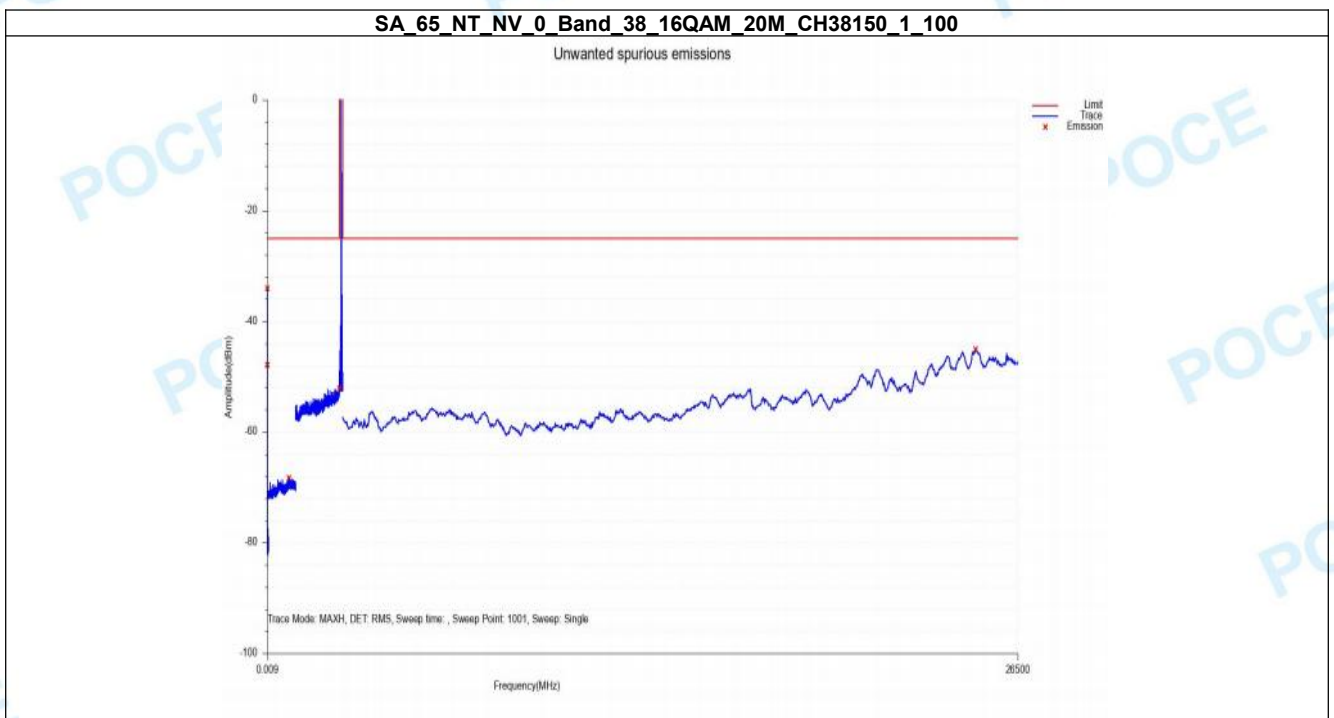
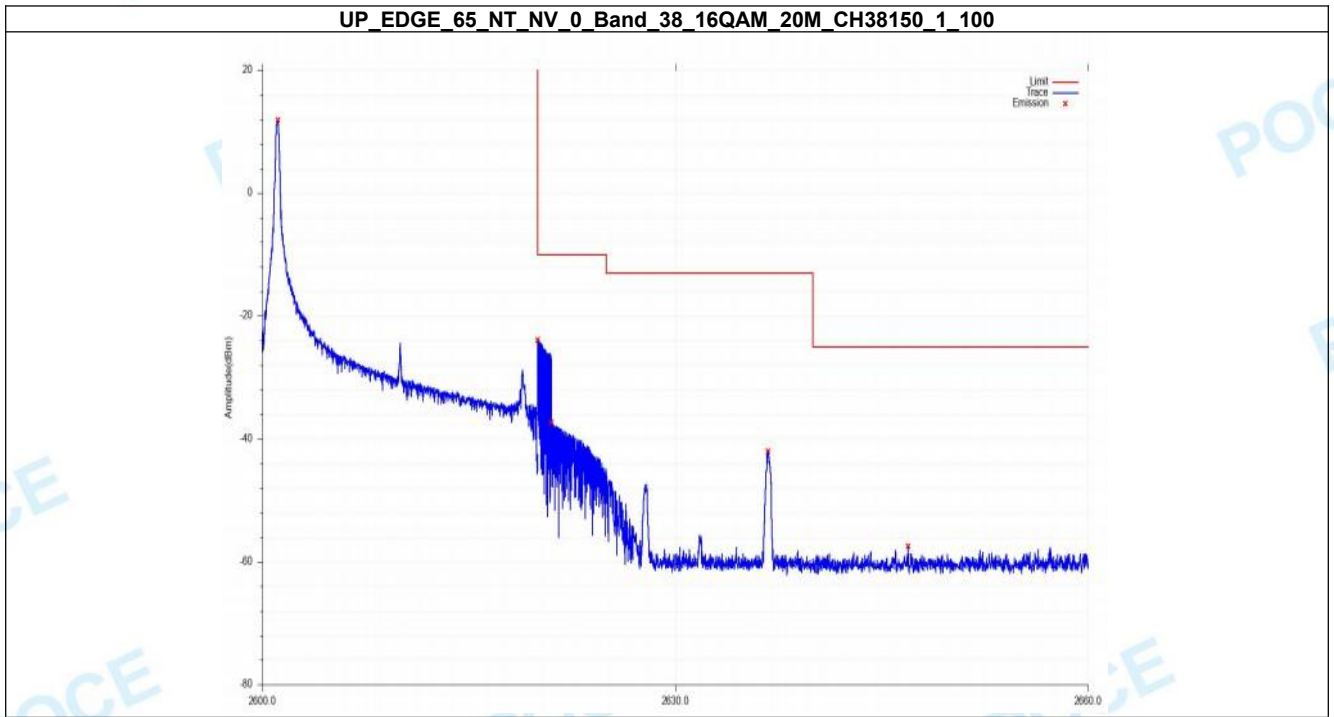












6. Frequency Stability

Band	Modulation	BW(MHz)	Frequency(MHz)	RB_Size	RB_start	Frequency Stabilization (Hz)	Limit_Low(Hz)	Limit_Up(Hz)	Result
Band 7	QPSK	5M	2572.5	25	0	0.00	-2.50	2.50	Pass
Band 7	16QAM	5M	2572.5	25	0	0.00	-2.50	2.50	Pass
Band 7	QPSK	5M	2595.0	25	0	0.00	-2.50	2.50	Pass
Band 7	16QAM	5M	2595.0	25	0	0.00	-2.50	2.50	Pass
Band 7	QPSK	5M	2617.5	25	0	0.00	-2.50	2.50	Pass
Band 7	16QAM	5M	2617.5	25	0	0.00	-2.50	2.50	Pass
Band 7	QPSK	10M	2575.0	50	0	0.00	-2.50	2.50	Pass
Band 7	16QAM	10M	2575.0	50	0	0.00	-2.50	2.50	Pass
Band 7	QPSK	10M	2595.0	50	0	0.00	-2.50	2.50	Pass
Band 7	16QAM	10M	2595.0	50	0	0.00	-2.50	2.50	Pass
Band 7	QPSK	10M	2615.0	50	0	0.00	-2.50	2.50	Pass
Band 7	16QAM	10M	2615.0	50	0	0.00	-2.50	2.50	Pass
Band 7	QPSK	15M	2577.5	75	0	0.00	-2.50	2.50	Pass
Band 7	16QAM	15M	2577.5	75	0	0.00	-2.50	2.50	Pass
Band 7	QPSK	15M	2595.0	75	0	0.00	-2.50	2.50	Pass
Band 7	16QAM	15M	2595.0	75	0	0.00	-2.50	2.50	Pass
Band 7	QPSK	15M	2612.5	75	0	0.00	-2.50	2.50	Pass
Band 7	16QAM	15M	2612.5	75	0	0.00	-2.50	2.50	Pass
Band 7	QPSK	20M	2580.0	100	0	0.00	-2.50	2.50	Pass
Band 7	16QAM	20M	2580.0	100	0	0.00	-2.50	2.50	Pass
Band 7	QPSK	20M	2595.0	100	0	0.00	-2.50	2.50	Pass
Band 7	16QAM	20M	2595.0	100	0	0.00	-2.50	2.50	Pass
Band 7	QPSK	20M	2610.0	100	0	0.00	-2.50	2.50	Pass
Band 7	16QAM	20M	2610.0	100	0	0.00	-2.50	2.50	Pass